## **ThinkVision**

### Personal Systems Reference Lenovo<sup>®</sup> ThinkVision<sup>®</sup> Monitors

March 2012 - Version 413



ThinkVision L2321x Wide Monitor

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#### Lenovo® D186 Wide

Personal Systems Reference (PSREF)

Name	D186 Wide Flat Panel Monitor	Features
	Business black	Widescreen 18.5-inch monitor
Type-model	2580-AB1	High Definition (HD) ready; 1366x768 resolution
	TFT-LCD, twisted nematic (TN), CCFL backlight	Detachable stand tilts for comfortable viewing
	<b>18.5</b> " ( <b>470mm</b> ) diagonal	Supports VESA mount (100mm)
	16.1" x 9.1" / 409.8mm x 230.4mm	• 50% less mercury
	<b>1366x768</b> at 60Hz	<ul> <li>Kensington<sup>®</sup> lock slot ready for enhanced security</li> </ul>
	1366x768 at 60Hz (135MHz max pixel rate)	, ,
	16:9 .300mm	
	85 dpi	
	200 nits or cd/m <sup>2</sup> (typical)	
	600:1 (typical)	lenovo
	5ms (typical)	
	67%	
	Anti-reflective, anti-glare	
	90° (+/- 45°) horizontal, 50° (+/- 25°) vertical	
	Tilt adjustable stand	
Bezel width	<i>Sides:</i> 0.61" (15.6mm); <i>top:</i> 0.67" (17.1mm);	
	<i>bottom:</i> 1.19" (30.1mm)	
Dimensions (HxWxD)	14.6" H x 17.4" W x 8.3" D;	
	370mm H x 442mm W x 210mm D	
	16 watts typical, 24 watts maximum,	
	<1 watts standby/suspend, universal,	
	integrated (no external brick-like power supply) 7.28 lb; 3.3kg	
	<b>3 years</b> (includes backlight)	
	January 2010	
	VESA DDC2B/CI, VESA DPMS-compliant	
	None	
Ergonomics	ISO 9241-307	
	ISO 9241-307 pixel defect standard FCC Class B	
	WEEE, RoHS (EU Directive 2002/95/EC),	
	VGA: 640x350, 640x480, 720x400	
	SVGA: 800x600	
	XGA: 1024x768	Lanava D196 Wide Manitor
	WXGA: 1280x720, 1280x768	Lenovo D186 Wide Monitor
	1360x768, 1366x768	
	Standard presets: 20; user settings: 16	
	Tilt: 20° back, -5° forward; no lift; no swivel; detachable	e stand
	None	
	On screen display with digital user controls (8 language	
	Direct access (control buttons on front) for automatic	mage setup and adjustment for brightness
	None	
	None VGA 15 pip D shall applied blue	
Signal cables	VGA 15-pin D-shell, analog, blue Detachable, VGA 15-pin D-shell at each end, analog,	1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-	party accessories meeting the VESA FPMPMI® (100mm mou
Security	Security keyhole for attachment of optional cable lock	
	Monitor, attached stand, Setup poster, Safety and Wa installation files, 1.8 meter analog signal cable, 1.8 meter	rranty Information, CD with multilingual User's Guide and mor
	Limited Warranty	Accessories
3 year limited warrant		Kensington MicroSaver® Cable Lock 73P2582
International Warranty	/ Service <sup>5</sup>	Kensington Twin Head Cable Lock 45K1620
		Lenovo Easy Reach Monitor Stand 55Y9258
<ul> <li>Replacement normally arrives in two business days, excluding holidays</li> </ul>		
	bing costs for valid warranty claims <sup>6</sup>	
Service upgrade optic		
	ange, Mon-Fri 9-5 with next day response	
(ThinkPlus™ part number 41C9209)		See details at www.lenovo.com/support/monitoraccessor
	ange, 7 day x 24 hr with 4 hour response (41C9212)	See all monitors at www.lenovo.com/thinkvision
• ·		See an monitors at www.ienovo.com/timkvision
	ange, Mon-Fri 9-5 with next day response (41C9233)	
• ·	ange, 7 day x 24 hr with 4 hour response (41C9216)	
<ul> <li>4 year, mail exchang</li> </ul>		
	<b>ae</b> (51,10590)	
<ul> <li>5 year, mail exchang</li> </ul>		
	oport for warranty issues during the warranty period <sup>4</sup>	

See footnotes for important warranty information US model announced January 12, 2010

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#### Lenovo® L2021 Wide

Nomo	L 2021 Wide Elet David Maritar	<b>- i</b>
Name Case color	L2021 Wide Flat Panel Monitor Business black	Features
Type-model	4449-HB1	<ul> <li>All-purpose 20-inch wide flat panel LCD monitor</li> </ul>
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight	<ul> <li>View images in a 16x9 wide aspect ratio</li> </ul>
Viewable image size	<b>20.0" / 508mm</b> (diagonal)	High-bandwidth Digital Content Protection (HDCP)-compliant
Max view area (W x H)	17.4" x 9.8" / 443mm x 249mm	Tilt and cable management stand
Optimum resolution	<b>1600x900</b> at 60Hz	Compliance with ENERGY STAR 5.0
Aspect ratio	16:9	50% less mercury
Pixel pitch (mm)	0.277mm	<ul> <li>Microsoft<sup>®</sup> Windows<sup>®</sup> 7 certified</li> </ul>
Dot/Pixel per Inch	92 dpi	
Brightness	250 nits or cd/m <sup>2</sup> (typical)	
Contrast ratio	1000:1 (typical)	le constr
Pixel response time	5ms (typical)	
Color gamut	72%	
Anti-reflective	Anti-reflective, anti-glare	
Vertical frequency	50 to 75 Hz	
Horizontal frequency	31 to 81 kHz	
	178° (+/- 89°) horizontal, 170° (+/- 85°) vertical	Lenovo
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical	L2021 Wide
Stand	Tilt adjustable stand	Monitor
Bezel width	Sides: 0.48" (12.1mm);	
	<i>top:</i> 0.47" (11.9mm);	
	<i>bottom:</i> 0.39" (10.1mm)	
Dimensions (HxWxD)	14.1" H x 18.7" W x 5.9" D;	
/	357.5mm H x 475.9mm W x 151.2mm D	
Power supply	22 watts typical, 27 watts maximum,	and the second se
	<1 watts standby/suspend, universal,	
	integrated (no external brick-like power supply)	
Weight	9.24 lb; 4.2kg	
Limited warranty4	3 years	
	(includes backlight)	
Available date	September 2010	
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant	
	ENERGY STAR <sup>®3</sup> 5.0	
Power management Ergonomics		
Emission standards	ISO 9241-307	and the second se
Environmental	MPR-2, FCC Class B EPEAT™ Gold rating, TCO (TCO Displays 5.0),	Lenovo
LIMIOIIIIeillai		L2021 Wide
	WEEE, RoHS (EU Directive 2002/95/EC)	Monitor
Preset resolutions	VGA: 640x350, 640x480, 720x400	rear view
	SVGA: 800x600, 832x624	with cable
	XGA: 1024x768, 1152x864	management
	WXGA: 1280x720, 1280x768,	
	1280x800, 1366x768	
	SXGA: 1280x1024	
Durante (	WXGA+: 1440 x 900, 1600x900	
Presets / user settings	Standard presets: 25; user settings: 20	
Viewing a divetmente	<i>Tilt:</i> 20° back5° forward: detachable stand	
Viewing adjustments		
Rotating screen	None	
On screen display Control features	On screen display with digital user controls (8 langua	
USB hub	Direct access (control buttons on front) for automatic None	a maye setup
Multiple input		nt connectors; one PC shows image; select via button)
	(1) VGA 15-pin D-shell, analog, blue	ni connectors, one rio snows inidge, select via button)
Monitor connectors	(2) Digital Visual Interface (DVI-D) for digital attach [white], <b>HDCP-compliant</b>	
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, anal	log 1.8 meter
orginal caples	(2) detachable, DVI-D at each end (for digital connect	tor) 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third	-party accessories meeting the VESA FPMPMI® (75mm mount)
Security	Security keyhole for attachment of optional cable loc	
Ship group	Monitor, attached stand, Setup poster, Safety and W	
	multilingual User's Guide and monitor installation file	s, analog signal cable, digital signal cable, 1.8m power cord
Limited Warranty		Accessories
3 year limited warrant	hv <sup>4</sup>	ThinkVision Soundbar 45K1263
S year linited warrant ⇒ International Warrant		Kensington® MicroSaver® Cable Lock 73P2582
		Kensington Twin Head Cable Lock 45K1620
Rapid Replacement S		ACTION ACTION ACTION ACTION ACTION ACTION
	y arrives in two business days, excluding holidays	
	ping costs for valid warranty claims <sup>6</sup>	See details at www.lenovo.com/support/monitoraccessories
Service upgrade optic		Soo all monitors at www.longua.com/thinkuision
	ange, Mon-Fri 9-5 with next day response	See all monitors at www.lenovo.com/thinkvision
(ThinkPlus <sup>™</sup> part nur		
	ange, 7 day x 24 hr with 4 hour response (41C9212)	
	ange, Mon-Fri 9-5 with next day response (41C9233)	

See footnotes for important warranty information US model announced September 21, 2010

4 year, mail exchange (51J0589)
5 year, mail exchange (51J0590)

4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)

#### Lenovo® LS1922 Wide

Name Case color Type-model Panel Viewable image size Max view area (W x H) Native resolution Aspect ratio Pixel pitch (mm) Dot/Pixel per Inch Brightness Contrast ratio	LS1922 Wide Flat Panel Monitor Business black 2580-AF1 TFT-LCD, twisted nematic (TN), White LED backlight 18.5" (470mm) diagonal 16.1" x 9.1" / 409.8mm x 230.4mm 1366x768 16:9 .300mm 85 dpi 250 nits or cd/m <sup>2</sup> (typical) 1000:1 (typical)	Features • Widescreen 18.5-inch monitor • Supports HD 1366x768 resolution • Supports VESA mount (100mm) • Mercury free panel and arsenic free glass • Kensington® lock slot ready for enhanced security • Microsoft® Windows® 7 certified
Pixel response time Color gamut	1000:1 (typical) 5ms (typical) 72% 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Tilt adjustable stand Sides: $0.61^{\circ}$ (15.6mm); top: $0.67^{\circ}$ (17.1mm); bottom: $1.19^{\circ}$ (30.1mm) 14.54" H x 17.38" W x 8.25" D; 370.1mm H x 442.2mm W x 210.0mm D 18 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) 6.55 lb; 2.97 kg <b>3 year</b> (includes backlight) February 2012	
VESA-compliant <sup>2</sup> Power management Ergonomics Emission standards Environmental	VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR <sup>®</sup> 5.1 ISO 9241-307 FCC Class B TCO (TCO Displays 5.2), WEEE, RoHS	
Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 WXGA: 1280x720, 1280x768, 1360x768, 1366x768	
Presets / user settings	Standard presets: 16 (VGA); user settings: 16	Lenovo LS1922 Wide Monitor
Viewing adjustments Rotating screen On screen display Control features Multiple input Monitor connectors Signal cables Mounting features Security	<i>Tilt:</i> 20° backward, -5° forward None On screen display with digital user controls (8 languag Direct access (control buttons on front) for automatic i None VGA 15-pin D-shell, analog, blue detachable, VGA 15-pin D-shell at each end, analog, 1 Wall or desk mounting using the Extend Arm or third-p Security keyhole for attachment of optional cable lock	mage setup and adjustment for brightness
Ship group	Monitor, attached stand, Setup poster with Safety and monitor installation files, 1.8 meter analog signal cable	Warranty Information, CD with multilingual User's Guide and e, 1.8 meter black power cord
<ul> <li>Replacement normall</li> <li>Lenovo pays all shipp</li> <li>Service upgrade opti</li> <li>3 year, on site excha</li> <li>(ThinkPlus™ part nur</li> </ul>	y Service <sup>5</sup> Service at 1-800-426-7378 ly arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ons: <sup>7</sup> ange, Mon-Fri 9-5 with next day response mber 41C9209) ange, Mon-Fri 9-5 with next day response (41C9233) ge (51J0589)	Accessories Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 Lenovo Easy Reach Monitor Stand 55Y9258 ThinkCentre Extend Arm 57Y4352 See details at www.lenovo.com/support/monitoraccessories
	pport for warranty issues during the warranty period <sup>4</sup>	See all monitors at www.lenovo.com/thinkvision

See footnotes for important warranty information US model announced February 28, 2012

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#### Lenovo® LS2221 Wide

Name	LS2221 Wide Flat Panel Monitor	Features
Case color	High gloss black	
Type-model	5453-LS1	<ul> <li>Widescreen 21.5-inch monitor</li> <li>Supports Full HD 1920x1080 resolution</li> </ul>
Panel	TFT-LCD, twisted nematic (TN), White LED backlight	Ergonomic stand tilts
Viewable image size	21.5" (546mm) diagonal	<ul> <li>Includes dual input connection for attachment to two</li> </ul>
Max view area (W x H)	18.76"`x 10.55" (476.6mm x 268.1mm)	systems concurrently (analog and digital)
Native resolution	1920x1080	Mercury free panel and arsenic free glass
Aspect ratio	16:9	Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified
Pixel pitch (mm)	.248mm	
Dot/Pixel per Inch	103 dpi	
Brightness	250 nits or cd/m <sup>2</sup> (typical)	
Contrast ratio	1000:1 (typical)	
Dynamic contrast ratio		
Pixel response time	5ms (typical)	
Color gamut	72% 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical	
Stand	Tilt adjustable stand	
Bezel width	Sides: 0.925" (23.5mm)	
Dimensions (HxWxD)	15.38" H x 20.67" W x 7.08" D;	
	390.7mm H x 525.0mm W x 179.8mm D	
Power supply	18 watts typical, 30 watts maximum,	
· ener eapply	<1 watts standby/suspend, universal,	
	integrated (no external brick-like power supply)	
Weight	8.69 lb; 3.95 kg	
Limited warranty <sup>₄</sup>	3 year (includes backlight)	
Available date	August 2011	
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant	
Power management	ENERGY STAR® 5.1	
Ergonomics	ISO 9241-307	lenovo
Emission standards	FCC Class B	
Environmental	TCO (TCO Displays 5.2), WEEE, RoHS	
Dreast resolutions	NOA: 040:050 040:400 700:400	
Preset resolutions	VGA: 640x350, 640x480, 720x400	
	SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864	
	XGA: 1024x768, 1152x864 SXGA: 1280x1024	
	WXGA: 1280x800, 1280x768, 1366x768	
	WXGA+: 1440x900. 1600x900	
	WSXGA+: 1680x1050	
	Full HD: 1920x1080	
Presets / user settings	Standard presets: 32 (VGA), 32 (DVI);	Lenovo LS2221 Wide Monitor
-	user settings: 20	
Viewing adjustments	<i>Tilt:</i> 20° backward, -5° forward	
Rotating screen	None	
On screen display	On screen display with digital user controls (8 languages)	
Control features	Direct access (buttons on front) for automatic image setup, dual input and NOVO vision	
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)	
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue	
O'ana al a a b la	(2) Digital Visual Interface (DVI-D), digital, white, HDCP	
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo	g, 1.8 meter
Mounting factures	(2) detachable, DVI-D at each end, digital, 1.8 meter	
Mounting features	vvali or desk mounting using the Extend Arm or third-p	party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock	
Ship group		ranty Information, CD with multilingual User's Guide and monitor
	installation files, 1.8 meter analog signal cable, 1.8 me	eter digital signal cable, 1.8 meter black power cord
	Limited Wennerty	Accessories
	Limited Warranty	ACCESSUIES

Limited Warranty	Accessories
<ul> <li>3 year limited warranty<sup>4</sup></li> <li>International Warranty Service<sup>5</sup></li> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> </ul>	Kensington® MicroSaver® Cable Lock73P2582Kensington Twin Head Cable Lock45K1620Lenovo Easy Reach Monitor Stand55Y9258ThinkCentre Extend Arm57Y4352
<ul> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>s</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>	See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision

See footnotes for important warranty information US model announced August 2, 2011

#### Lenovo® LS2421p Wide

Personal Systems Reference (PSREF)

Name Case color Type-model Panel Viewable image size Max view area (W x H) Native resolution Aspect ratio Pixel pitch (mm) Dot/Pixel per Inch Brightness Contrast ratio	LS2421p Wide Flat Panel Monitor High gloss black 4015-LS1 TFT-LCD, twisted nematic (TN), White LED backlight 23.6" (598mm) diagonal 20.52" x 11.54" (521.3mm x 293.2mm) 1920x1080 16:9 .272mm 93 dpi 300 nits or cd/m <sup>2</sup> (typical) 1000:1 (typical)	Features • Widescreen 23.6-inch monitor • Supports Full HD 1920x1080 resolution • Ergonomic stand tilts • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Mercury free panel and arsenic free glass • Microsoft® Windows® 7 certified
Dynamic contrast ratio Pixel response time Color gamut	10000000:1 5ms (typical) 72% 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Tilt adjustable stand Sides: 0.968" (24.6mm) 13.78" H x 22.44" W x 7.47" D; 350.0mm H x 572.0mm W x 189.8mm D 30 watts typical, 35 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) 9.79 lb; 4.44 kg <b>3 year</b> (includes backlight) August 2011	
VESA-compliant <sup>2</sup> Power management Ergonomics Emission standards Environmental	VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR® 5.1 ISO 9241-307 FCC Class B TCO (TCO Displays 5.2), WEEE, RoHS	lenovo
Preset resolutions Presets / user settings	VGA:       640x350, 640x480, 720x400         SVGA:       800x600, 832x624         XGA:       1024x768, 1152x864         SXGA:       1280x1024         WXGA:       1280x800, 1280x768, 1366x768         WXGA+:       1440x900, 1600x900         WSXGA+:       1920x1080         Full HD:       1920x1080         Standard presets:       30 (VGA), 27 (HDMI);         user settings:       20	Lenovo LS2421p Wide Monitor
Viewing adjustments Rotating screen On screen display Control features USB hub Multiple input Monitor connectors Signal cables Mounting features Security	<i>Tilt:</i> 20° backward, -5° forward None On screen display with digital user controls (8 languag Direct access (buttons on front) for automatic image s USB 2.0 Hub (1 port into PC, 4 ports for accessories) Dual input (two different PCs attach to two different cc (1) VGA 15-pin D-shell, analog, blue (2) HDMI (1.3), digital, black, <b>HDCP-compliant</b> (1) detachable, VGA 15-pin D-shell at each end, analo (2) detachable, HDMI at each end, digital, 1.8 meter Wall or desk mounting using the Extend Arm or third- Security keyhole for attachment of optional cable lock	etup, dual input, brightness and NOVO vision onnectors; one PC shows image; select via button) og, 1.8 meter party accessories meeting the VESA FPMPMI® (100mm mount)
Ship group	Monitor, attached stand, Setup poster, Safety and Wa installation files, 1.8 meter analog signal cable, 1.8 meter	rranty Information, CD with multilingual User's Guide and monitor eter digital signal cable, 1.8 meter black power cord
	Limited Warranty	Accessories
Replacement normal	y Service <sup>5</sup> Service at 1-800-426-7378 ly arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup>	Kensington® MicroSaver® Cable Lock73P2582Kensington Twin Head Cable Lock45K1620Lenovo Easy Reach Monitor Stand55Y9258ThinkCentre Extend Arm57Y4352
<ul> <li>3 year, on site exchange</li> <li>(ThinkPlus™ part nur</li> <li>4 year, on site exchange</li> <li>4 year, mail exchange</li> <li>5 year, mail exchange</li> </ul>	ange, Mon-Fri 9-5 with next day response mber 41C9209) ange, Mon-Fri 9-5 with next day response (41C9233) ge (51J0589)	See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision

See footnotes for important warranty information US model announced August 2, 2011

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#### Lenovo® ThinkVision® LT1421 Wide Mobile Monitor

Personal Systems Reference (PSREF)

Name	LT1421 Wide Mobile Monitor	Fastures
Case color	Raven black	Features
Type-model	1452-DS6 (with Protective Screen Cover)	Widescreen 14-inch mobile monitor designed for ThinkPad     Light and Slim
Panel	TFT-LCD, twisted nematic (TN), White LED backlight	• Super low power (<5 watts)
Viewable image size Vax view area (W x H)	<b>14.0"</b> ( <b>355.6mm</b> ) diagonal 12.2" x 6.9" (310.8mm x 175.3mm)	<ul> <li>Supports 1366x768 resolution</li> </ul>
Optimum resolution	1366x768	• Ergonomic stand tilts, provides a 12° - 40° backward tilt
Aspect ratio	16:9	adjustment for comfortable viewing <ul> <li>Detachable USB cable for power and signal</li> </ul>
Pixel pitch (mm)	.227mm	Microsoft® Windows® 7 certified
Dot/Pixel per Inch	112 dpi	
Brightness Contrast ratio	200 nits or cd/m <sup>2</sup> (typical) 400:1 (typical)	
Pixel response time	8ms (typical)	
Color gamut	45%	
	$90^{\circ}$ (+/- $45^{\circ}$ ) horizontal, $50^{\circ}$ (+/- $25^{\circ}$ ) vertical	
Stand Bezel width	Tilt adjustable stand <i>Sides:</i> 0.476" (12.1mm)	
Dimensions (HxWxD)	8.58" H x 13.19" W x 0.37-0.85" D;	
, , , , , , , , , , , , , , , , , , ,	217.9mm H x 335mm W x 9.3-21.5mm D	
Power supply	4.2 watts typical, 5 watts maximum,	
	<0.1 watts standby/suspend, universal, USB 2.0 cable (no external brick-like power supply)	
Weight	monitor only: 1.91 lb; 0.87 kg;	IN TRAVE
	with Protective Screen Cover: 2.31 lb; 1.05 kg	prove the second se
Limited warranty <sup>4</sup>	3 year (includes backlight)	
Available date	September 2011	ThinkVision LT1421 Wide Mobile Monitor
VESA-compliant <sup>2</sup> Power management	VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR <sup>®3</sup> 5.1	
Emission standards	FCC Class B	
Environmental	WEEE, RoHS	
Preset resolutions	Display mode and resolution auto setup	- This and the
Ducto ativa Courses Course		
Protective Screen Cover	Polycarbonate Snap-On Cover protects the LCD Screen while not in use	
		ThinkVision LT1421 Wide Mobile Monitor with ThinkPad Edge E420s
	Till: 10° 40° backward	ThinkVision LT1421 Wide Mobile Monitor with ThinkPad Edge E420s
Viewing adjustments	<i>Tilt:</i> 12° - 40° backward	
Screen control	<i>Tilt:</i> 12° - 40° backward Brightness (16 levels) USB input	
Viewing adjustments Screen control Input Monitor connectors	Brightness (16 levels) USB input USB 2.0	
Screen control Input Monitor connectors Signal cables	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter	
Screen control Input Monitor connectors Signal cables Mounting features	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None	
Screen control Input Monitor connectors Signal cables	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter	
Screen control Input Monitor connectors Signal cables Mounting features	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional	with ThinkPad Edge E420s
Screen control Input Monitor connectors Signal cables Mounting features	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional	
Screen control nput Monitor connectors Signal cables Mounting features Security	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S	with ThinkPad Edge E420s
Screen control Input Monitor connectors Signal cables Mounting features Security	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S	with ThinkPad Edge E420s
Screen control Input Monitor connectors Signal cables Mounting features Security	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files	with ThinkPad Edge E420s
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group 3 year limited warrant International Warrant	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files, Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup>	with ThinkPad Edge E420s
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group Ship group Ship a year limited warrant International Warrant Rapid Replacement S	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378	with ThinkPad Edge E420s         ThinkVision LT1421         with Protective Screen Cover         Setup poster, Safety and Warranty Information, CD with 1.8 meter USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock       73P2582
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group 3 year limited warran International Warrant Rapid Replacement S Replacement normal	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 ly arrives in two business days, excluding holidays	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Setup poster, Safety and Warranty Information, CD with 1.8 meter USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock       73P2582 45K1620
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group 3 year limited warrant International Warrant Rapid Replacement S Replacement normal Lenovo pays all ship	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 ly arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup>	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Setup poster, Safety and Warranty Information, CD with 1.8 meter USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock       73P2582 45K1620
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group Ship group Ship group International Warrant Rapid Replacement S Replacement normal Service upgrade opti	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 Iy arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup>	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Setup poster, Safety and Warranty Information, CD with 1.8 meter USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock       73P2582 45K1620
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group Ship group A gear limited warrant International Warrant Rapid Replacement S Replacement normal Lenovo pays all ship Service upgrade opt • 3 year, on site exch	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 Iy arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup> ange, Mon-Fri 9-5 with next day response	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Setup poster, Safety and Warranty Information, CD with 1.8 meter USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock       73P2582 45K1620
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group Ship group Ship group a year limited warran Generational Warrant Rapid Replacement S Replacement normal Lenovo pays all ship Service upgrade opt • 3 year, on site exch (ThinkPlus™ part nu	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 Iy arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup> ange, Mon-Fri 9-5 with next day response mber 41C9209)	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Return USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock       73P2582         Kensington Twin Head Cable Lock       73P2582         See details at www.lenovo.com/support/monitoraccessories
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty tty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 ly arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup> ange, Mon-Fri 9-5 with next day response mber 41C9209) ange, Mon-Fri 9-5 with next day response (41C9233)	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Return USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock       73P2582         Kensington Twin Head Cable Lock       73P2582         See details at www.lenovo.com/support/monitoraccessories
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group Ship group Ship group Ship group a year limited warrant a International Warrant a Replacement Normal a Lenovo pays all ship a Service upgrade opti • 3 year, on site exch (ThinkPlus™ part nu • 4 year, mail exchan	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty tty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 Iy arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup> ange, Mon-Fri 9-5 with next day response mber 41C9209) ange, Mon-Fri 9-5 with next day response (41C9233) ge (51J0589)	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Return USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock       73P2582         Kensington Twin Head Cable Lock       73P2582         See details at www.lenovo.com/support/monitoraccessorie
Screen control Input Monitor connectors Signal cables Mounting features Security Ship group ⇒ 3 year limited warrant ⇒ International Warrant ⇒ Replacement s ⇒ Replacement normal ⇒ Lenovo pays all ship ⇒ Service upgrade opti • 3 year, on site exch (ThinkPlus™ part nu • 4 year, mail exchan • 5 year, mail exchan	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty ty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 Iy arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup> ange, Mon-Fri 9-5 with next day response mber 41C9209) ange, Mon-Fri 9-5 with next day response (41C9233) ge (51J0589) ge (51J0590)	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Return USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock       73P2582         Kensington Twin Head Cable Lock       73P2582         See details at www.lenovo.com/support/monitoraccessories
<ul> <li>Screen control Input Monitor connectors Signal cables Mounting features Security</li> <li>Ship group</li> <li>⇒ 3 year limited warrant</li> <li>⇒ International Warrant</li> <li>⇒ Replacement normal</li> <li>⇒ Replacement normal</li> <li>⇒ Lenovo pays all ship</li> <li>⇒ Service upgrade opti</li> <li>• 3 year, on site exch (ThinkPlus™ part nu</li> <li>• 4 year, on site exchanter</li> <li>• 5 year, mail exchanter</li> </ul>	Brightness (16 levels) USB input USB 2.0 detachable, USB Y-Type cable, 1.8 meter None Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached tile stand that cannot be removed, S multilingual User's Guide and monitor installation files. Limited Warranty tty <sup>4</sup> ty Service <sup>5</sup> Service at 1-800-426-7378 Iy arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup> ions: <sup>7</sup> ange, Mon-Fri 9-5 with next day response mber 41C9209) ange, Mon-Fri 9-5 with next day response (41C9233) ge (51J0589)	with ThinkPad Edge E420s         ThinkVision LT1421 with Protective Screen Cover         ThinkVision LT1421 with Protective Screen Cover         Return USB Y-Type cable, Protective Screen Cover         Accessories         Kensington® MicroSaver® Cable Lock       73P2582         Kensington Twin Head Cable Lock       73P2582         See details at www.lenovo.com/support/monitoraccessories

See footnotes for important warranty information US model announced August 16, 2011

#### Lenovo<sup>®</sup> ThinkVision<sup>®</sup> L1711p

		1
Name	L1711p Flat Panel Monitor	Features
Case color	Business black	- Pogular agreen 17 inch monitor
Type-model	5047-HB2	Regular screen 17-inch monitor     Supports SXCA 1080v1004 resolution
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight	Supports SXGA 1280x1024 resolution
Viewable image size	17.0" (432mm) diagonal	• Ergonomic stand tilts and provides a 4.3" (110mm)
Max view area (W x H)	13.3" x 10.6" (337.9mm x 270.3mm)	range height adjustment for comfortable viewing
Optimum resolution	1280x1024 at 60Hz	Includes dual input connection for attachment to two
Maximum resolution	1280x1024 at 75Hz (165MHz max pixel rate)	systems concurrently (analog and digital)
Aspect ratio	5:4	Reduces mercury content by 50% and arsenic free glass
Pixel pitch (mm)	0.264mm	Up to 70% recycled packaging materials
Dot/Pixel per Inch	96 dpi	Privacy Filter Slot     Mindows® 7 certified
Brightness	250 nits or cd/m <sup>2</sup> (typical)	Microsoft® Windows® 7 certified
Contrast ratio	1000:1 (typical)	
Pixel response time	5ms (typical)	lenovo
Color gamut	72%	
Anti-reflective	Anti-reflective, anti-glare	
Vertical frequency	50 to 75Hz	
Horizontal frequency	30 to 83kHz	
Viewing angle at 10:1 CR	160° (+/- 80°) horizontal, 160° (+/- 80°) vertical	
Stand	Tilt height adjustable stand	
Bezel width	<i>Sides:</i> 0.6" (15.3mm); <i>top:</i> 0.72" (18.4mm);	
	<i>bottom:</i> 1.11" (28.1mm)	
Dimensions (HxWxD)	16-20.33" H x 14.6" W x 6.1" D;	
	405.7-515.7mm H x 370mm W x 155.2mm D	
Power supply	18 watts typical, 21 watts maximum,	
	<1 watts standby/suspend, universal,	
	integrated (no external brick-like power supply)	
Weight	9.3 lb; 4.21kg	
Limited warranty <sup>4</sup>	3 year (includes backlight)	
Available date	November 2009	
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant	
Power management	ENERGY STAR® 5.0	THEN OF A
Ergonomics	ISO 9241-307	
Emission standards	MPR-2. MPR-3A, FCC Class B	
Environmental	TCO (TCO Displays 5.0), WEEE, RoHS,	
	EPEAT™ Gold rating	
Preset resolutions	VGA: 640x350, 640x480, 720x400	
	SVGA: 800x600	
	XGA: 1024x768	
	SXGA: 1280x1024	
Presets / user settings	Standard presets: 17;	ThinkVision L1711p Monitor
	user settings: 22	
Viewing adjustments	Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachat	l ale stand
Rotating screen	None	Jie Statiu
On screen display	On screen display with digital user controls (8 language	
Control features	Direct access (buttons on front) for automatic image s	yes)
Multiple input	Dual input (two different PCs attach to two different co	onnectors: one PC shows image: select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue	sinectors, one r o snows image, select via button)
	(2) Digital Visual Interface (DVI-D), digital, white, <b>HDCF</b>	P-compliant
Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter		
(2) detachable, VCIA to pin D shen at each end, digital, 1.8 meter		······································
Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPM		party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock	
Ship group		
Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and more installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord		
Limited Warranty		Accessories
3 year limited warran	tv <sup>4</sup>	ThinkVision Soundbar 45K1263
✓ Syear Initial Warrant		Kensington <sup>®</sup> MicroSaver <sup>®</sup> Cable Lock 73P2582
	Service at 1-800-426-7378	Kensington Twin Head Cable Lock 45K1620
		Lenovo Easy Reach Monitor Stand 55Y9258
	ly arrives in two business days, excluding holidays	,
	ping costs for valid warranty claims <sup>6</sup>	
Service upgrade opti		
	ange, Mon-Fri 9-5 with next day response	
(ThinkPlus™ part nu		See details at www.lenovo.com/support/monitoraccessories
<ul> <li>3 year, on site exch</li> </ul>	ange, 7 day x 24 hr with 4 hour response (41C9212)	
	ange, Mon-Fri 9-5 with next day response (41C9215)	
	ange, 7 day x 24 hr with 4 hour response (41C9216)	See all monitors at www.lenovo.com/thinkvision
<ul> <li>4 year, mail exchange (51J0589)</li> </ul>		

4 year, mail exchange (51J0589)
 5 year, mail exchange (51J0590)
 ≈ 24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup>

See footnotes for important warranty information US model announced October 20, 2009

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#### Lenovo® ThinkVision® L197 Wide

Elet Denel M	lonitoro IIC model	
Name Case color Type-model Stand Screen Viewable image size (diag) Aspect ratio Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 5:1 CR Viewing angle at 10:1 CR	16:10 .285mm 16.1" x 10.0" (horizontal x vertical) 408mm x 255mm (horizontal x vertical) 176° vertical, 176° horizontal 160° vertical, 170° horizontal	Features         Widescreen 19-inch flat panel monitor         EPEAT™ Gold rating       View images in a 16:10 wide aspect ratio         View images in a 16:10 wide aspect ratio       Resolution of 1440x900 provides crisp screen images         Slim 14.3mm (0.56") side bezel       High-bandwidth Digital Content Protection (HDCP)-compliant         Includes dual input connection for attachment to two systems concurrently (analog and digital)       Complements the ThinkCentre® and ThinkPad® systems         Microsoft® Windows® Vista™ Premium certified       Premium certified
Video input Dual input Rotating screen USB Hub Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Preset display modes	Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) No pivot None 1440x900 at 60Hz 1440x900 at 75Hz (137MHz maximum pixel rate) 50 to 76Hz 30 to 81kHz VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75Hz 1152x864 75Hz SXGA: 1280x1024 60, 70, 75Hz	Assess Assess
Presets / user settings Brightness Contrast ratio Pixel response time Color gamut	WXGA+: 1440x900 60, 75Hz Standard presets: 20; user settings: 20 250 nits or cd/m <sup>2</sup> (typical) 1000:1 (typical) 5ms (typical) 72%	Lenovo ThinkVision L197 Wide
On screen display Control features Monitor connectors Signal cables	Two cables: (1) detachable, VGA 15-pin D-shell at (2) detachable digital, DVI-D at each	setup
Dimensions Weight Viewing adjustments	Anti-reflective, anti-glare 15.0"H x 17.3"W x 7.0"D / 381mm height x 440mm width x 179mm depth 9.15lb / 4.15kg Tilt: 30° back, 4° forward / no lift, no swivel, detachable stand Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)	
VESA-compliant <sup>2</sup> Power management Ergonomics Pixel defect Emission standards Environmental Ship group Power supply Limited warranty <sup>4</sup> Available date	monitor installation files, analog signal cable, digital si	rranty Information, CD with multilingual User's Guide and
Lenovo pays all shipp	y Service <sup>5</sup> ervice at 1-800-426-7378 y arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup>	Accessories Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258
<ul> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, nail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>		See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision

See footnotes for important warranty information US model announced April 15, 2008

#### Lenovo<sup>®</sup> ThinkVision<sup>®</sup> L1900p

Name	L1900p Flat Panel Monitor	Features
Case color	Business black	Regular screen 19-inch monitor
Type-model	4431-HE1	Supports SXGA 1280x1024 resolution
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight	Ergonomic stand tilts, swivels, pivots and provides a 4.3"
Viewable image size	<b>19.0</b> " ( <b>483mm</b> ) diagonal	(110mm) range height adjustment for comfortable viewing
Max view area (W x H)	14.8" x 11.85" (376mm x 301mm)	Detachable rear stand cable cover and clip to hide cables
Optimum resolution	1280x1024 at 60Hz	Microsoft® Windows® Vista® certified
Maximum resolution	1280x1024 at 75Hz (135MHz max pixel rate)	• Microsoft* Windows* Visia* certified
Aspect ratio	5:4	
Pixel pitch (mm)	.294mm	lenovo
Dot/Pixel per Inch	86 dpi	
Brightness	250 nits or cd/m <sup>2</sup> (typical)	lenovo
Contrast ratio	800:1 (typical)	
Pixel response time		
	5ms (typical) 72%	
Color gamut		
Anti-reflective	Anti-reflective, anti-glare	
Vertical frequency	56 to 76Hz	
Horizontal frequency	30 to 81kHz	
	160° (+/- 80°) horizontal, 160° (+/- 80°) vertical	
Stand	Tilt, swivel, pivot, and height adjustable stand	
Bezel width	<i>Sides:</i> 0.6" (15.3mm); <i>top:</i> 0.66" (16.8mm);	
	bottom: 1.05" (26.8mm)	
Dimensions (HxWxD)	14.9-19.2" H x 16.1" W x 7.4-9.5" D;	
· · · · · ·	378.7-488.7mm H x 408mm W x 188-241.1mm D	
Power supply	17 watts typical, 24 watts maximum,	
. end dappiy	<1 watts standby/suspend, universal,	
	integrated (no external brick-like power supply)	NUMBER OF STREET
Weight	12.5 lb; 5.7kg	and a second
Limited warranty <sup>4</sup>	<b>3 year</b> (includes backlight)	200000000000000000000000000000000000000
Available date	November 2008	
Available date		Table 8
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant	
Power management	ENERGY STAR®3 5.0	
Ergonomics	ISO 13406 Part 21	
Pixel defect	ISO 13406-2 Class II pixel defect standard	
Emission standards	MPR-2. MPR-3A, FCC Class B	
Environmental	TCO 03, WEEE, RoHS (EU Directive 2002/95/EC),	
Environmental	<b>EPEAT</b> <sup>™</sup> Gold rating, GREENGUARD <sup>®</sup> certified	
Preset resolutions	VGA: 640x350, 640x480,	
	720x400	
	SVGA: 800x600	
	XGA: 1024x768	
	SXGA: 1280x1024	ThinkVision L1900p Monitor
Presets / user settings	Standard presets: 21;	with optional ThinkVision Soundbar
	user settings: 17	with optional minkvision Soundbar
Viewing adjustments	<i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/	-45°; detachable stand
Rotating screen	Screen pivots 90 degrees from landscape to portr	ait (requires image rotation support from graphics controller)
On screen display	On screen display with digital user controls (8 language	
Control features	Direct access (buttons on front) for automatic image s	setup
Multiple input	Multiple input (two different PCs attach to two differen	t connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue	
	(2) Digital Visual Interface (DVI-D), digital, white, HDCI	P-compliant
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo	pa. 1.8 meter
	(2) detachable DVI-D at each end digital 1.8 meter	
Mounting features	Wall or desk mounting using the Extend Arm or third-	party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock	(Kensington <sup>®</sup> lock-compatible)
Ship group		afety and Warranty Information, CD with multilingual User's Guide
	and monitor installation files, 1.8 meter analog signal	cable, 1.8 meter digital signal cable, 1.8 meter black power cord
		Accessories
	Limited Warranty	Accessories
	tv <sup>4</sup>	ThinkVision Soundbar 45K1263
✓ 5 year hinted warrant ✓ International Warrant		Kensington <sup>®</sup> MicroSaver <sup>®</sup> Cable Lock 73P2582
		Kensington Twin Head Cable Lock 45K1620
Rapid Replacement Service at 1-800-426-7378		Lenovo Easy Reach Monitor Stand 55Y9258
	ly arrives in two business days, excluding holidays	
🗢 Lenovo pays all ship	ping costs for valid warranty claims <sup>6</sup>	
Service upgrade opti		
	ange, Mon-Fri 9-5 with next day response	See details at www.lenovo.com/support/monitoraccessories
		See details at www.ienovo.com/support/monitoraccessories
(ThinkPlus™ part number 41C9209)		
<ul> <li>3 year, on site exch</li> </ul>	ange, 7 day x 24 hr with 4 hour response (41C9212) ange, Mon-Fri 9-5 with next day response (41C9233)	See all monitors at www.lenovo.com/thinkvision

• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)

4 year, mail exchange (51J0589)
5 year, mail exchange (51J0590)
≈ 24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup>

See footnotes for important warranty information US model announced November 11, 2008

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#### Lenovo® ThinkVision® L1951p Wide

Name	L1951p Wide Flat Panel Monitor	Features	
Case color	Business black	Widescreen 19-inch monitor	
Type-model	2448-HB6	Supports WXGA+ 1440x900 resolution	
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight	• Ergonomic stand tilts and provides a 3.1" (80mm)	
Viewable image size	19.0" (481mm) diagonal	range height adjustment for comfortable viewing	
Max view area (W x H)	16.07" x 10.05" (408.2mm x 255.2mm)	<ul> <li>Includes dual input connection for attachment to two</li> </ul>	
Optimum resolution	1440x900 at 60Hz	systems concurrently (analog and digital)	
Maximum resolution	1440x900 at 75Hz (137MHz max pixel rate)	Reduces mercury content by 50% and arsenic free glass	
Aspect ratio	16:10	Up to 70% recycled packaging materials	
Pixel pitch (mm)	.285mm	Privacy Filter Ślot	
Dot/Pixel per Inch	89 dpi	Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified	
Brightness	250 nits or cd/m <sup>2</sup> (typical)		
Contrast ratio	1000:1 (typical)		
Pixel response time	5ms (typical) 72%		
Color gamut Anti-reflective			
Vertical frequency	Anti-reflective, anti-glare 50 to 76Hz	lenovo	
Horizontal frequency	30 to 81kHz		
	160° (+/- 80°) horizontal, 160° (+/- 80°) vertical		
Stand	Tilt and height adjustable stand		
Bezel width	Sides: 0.61" (15.6mm): top: 0.67" (17.1mm):		
	Sides: 0.61 <sup>#</sup> (15.6mm); <i>top:</i> 0.67" (17.1mm); <i>bottom:</i> 1.2" (30.5mm)		
Dimensions (HxWxD)	14.56-17.71" H x 17.36" W x 6.11" D;		
	369.9-449.9mm H x 440.9mm W x 155.2mm D		
Power supply	19 watts typical, 23 watts maximum,		
end on bar	<1 watts standby/suspend, universal,		
	integrated (no external brick-like power supply)		
Weight	9.37 lb; 4.25kg		
Limited warranty <sup>4</sup>	3 year (includes backlight)		
Available date	October 2009		
V/FCA compliant <sup>2</sup>	VECA DDC0D/CL VECA DDMC compliant		
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant		
Power management Ergonomics	ENERGY STAR® 5.0 ISO 9241-307	Telefon	
Emission standards	MPR-2. MPR-3A, FCC Class B		
Environmental			
Linnonmental	TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating		
	~		
Preset resolutions	VGA: 640x350, 640x480, 720x400		
	SVGA: 800x600, 832x624		
	XGA: 1024x768, 1152x864		
	SXGA: 1280x1024		
	WXGA 1280x720, 1360x768		
Duesets (	WXGA+ 1440x900	Think//inion   1054 m Wide Manitor	
Presets / user settings	Standard presets: 27;	ThinkVision L1951p Wide Monitor	
	user settings: 20		
Viewing adjustments	Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachabl	e stand	
Rotating screen	None		
On screen display	On screen display with digital user controls (8 language	ges)	
Control features	Direct access (buttons on front) for automatic image s	etup	
Multiple input	Dual input (two different PCs attach to two different co	onnectors; one PC shows image; select via button)	
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue		
	(2) Digital Visual Interface (DVI-D), digital, white, HDCI		
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo	g, 1.8 meter	
	(2) detachable, DVI-D at each end, digital, 1.8 meter		
Mounting features	Wall or desk mounting using the Extend Arm or third-	party accessories meeting the VESA FPMPMI® (100mm mount)	
Security	Security keyhole for attachment of optional cable lock		
Ship group		rranty Information, CD with multilingual User's Guide and monitor	
	installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord		
	Limited Mennentry	Accessories	
	Limited Warranty		
🗢 3 year limited warran	ty <sup>4</sup>	ThinkVision Soundbar 45K1263	
International Warrant		Kensington <sup>®</sup> MicroSaver <sup>®</sup> Cable Lock 73P2582	
	Service at 1-800-426-7378	Kensington Twin Head Cable Lock 45K1620	
	ly arrives in two business days, excluding holidays	Lenovo Easy Reach Monitor Stand 55Y9258	
	ping costs for valid warranty claims <sup>6</sup>		
✓ Lenovo pays an snip ✓ Service upgrade opti			
	ange, Mon-Fri 9-5 with next day response		
		See details at www.lenovo.com/support/monitoraccessories	
(ThinkPlus™ part nur			
	ange, 7 day x 24 hr with 4 hour response (41C9212)		
	ange, Mon-Fri 9-5 with next day response (41C9233)	See all monitors at www.lenovo.com/thinkvision	
	ange, 7 day x 24 hr with 4 hour response (41C9216)		
<ul> <li>4 year, mail exchange</li> </ul>	ge (51J0589)		
<ul> <li>5 year, mail exchange</li> </ul>			
, , , , , , , , , , , , , , , , , , , ,		1	

 $\Rightarrow$  24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup>

See footnotes for important warranty information US model announced October 20, 2009

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#### Lenovo® ThinkVision® LT1952p Wide

Personal Systems Reference (PSREF)

Case color Year-Diversity of the second sec			1
Type-model Pream of the stand	Name Case color	LT1952p Wide Flat Panel Monitor	
Privatelis       TF-LCD, twisted mematic (TN), While LED backfight 19 (482 kmm) degrad       • Exploring estanding the sevential is sevential.         Max sum area (W X H)       18 (27 * 1) 05 (108 2mm x 255 2mm) Max sum area (W X H)       • Exploring estanding the sevential is sevential.         Max sum area (W X H)       18 (27 * 1) 05 (108 2mm x 255 2mm) Max sum area (W X H)       • Exploring estanding the sevential is sevential.         Agent ratio       16 (10       • Exploring estanding the sevential is sevential.         Agent ratio       0.2355 mm       • Privacy Filer Store         Point starts       0.003 (109 cm)       • Privacy Filer Store         Point starts       0.003 (109 cm)       • Privacy Filer Store         Start Starts       0.003 (109 cm)       • Privacy Filer Store         Privacy Filer Store       16 (0 - 100 cm)       • Privacy Filer Store         Basa M with Store CF (10 - 100 cm)       • Privacy Filer Store       • Privacy Filer Store         Privacy Filer Store       15 (36 - 109 cm)       • Privacy Filer Store       • Privacy Filer Store         Weight       • Add Store CF (10 - 100 cm)       • Privacy Filer Store       • Privacy Filer Store         Weight       • Privacy Filer Store       • Privacy Filer Store       • Privacy Filer Store         Weight       • Add Store AST (10 cm)       • Privacy Filer Store       • Privacy Filer Store			
<ul> <li>Harden innige size (Figure 1 = 1 / 0.2.0 min (bio 2.5.2 min) (bio</li></ul>			
Optimum resolution         1440x500           Optimum resolution         1440x500           Development         1377/Hz           Piel pitch (mm)         0.2835mm           Differed perform         2250 mils or dum (typical)           Differed perform         2250 mils or dum (typical)           Differed perform         2250 mils or dum (typical)           Differed perform         250 mils or dum (typical)           Differed perform         775%           Anti-reflective, anti-glare         Anti-glare           Prease Pinter State         Anti-glare           Differed perform         250 mils or dum (typical)           State and typical         250 mils or dum (typical)           Viewing adjustment         150 0521 x150 mils of 050 m			
Max pixel rate darped ratio rate darped ra			Cable Management for better user experience
Applet Tation       To 10         Optimizing Financia       Display of print and time         Brightness       250 mils or cdm* (typical)         Contrast ratio       To 000 (typical)         Contrast ratio       The 250 mils or cdm* digital         Dimensions (typical)       To 000 (typical)         Contrast ratio       The 250 mils or cdm* digital         Present supply       Standard (to 000 (typical)         Vexing adjustments       Standard (to 000 (typical)         Present resolutions       VGA:       Standard (to 000 (typical)         Standard       The 250 mils for 260 (typical)         On screen display with digital lascored       To 250 (typical)         On screen display with digital lasch rd0 (typical)       The 250 (typical)	Max pixel rate		
Production (LTM), but 243-50, milling <ul> <li>Microsoft** Windows**7 certified</li> <li>Microsoft** Windows**7 certified</li> <li>Microsoft** Windows**7 certified</li> <li>Microsoft** Windows**7 certified</li> <li>Microsoft*** Windows**7 certified</li> <li>Microsoft***********************************</li></ul>	Aspect ratio		
Brighness Contrast ratio Contrast ratio Fool response time Sum Multiple input Stand       250 nils or cdm <sup>2</sup> (typical) Trot (typical) Sing (typical) Sing (typical) Stand         Dimensions (H-WW) Baral width       250 nils or cdm <sup>2</sup> (typical) Stand       100 retrieves anti-glare Viewing angle at 10:1 GR         Dimensions (H-WW) Baral width       566 ret (15 6mm); top: 0.67 (17.1mm); Stand Stake; 0.51 '(15 6mm); top: 0.67 (17.1mm); Stake; 0.51 '(15 6mm); top: 0.57 (17.1mm); Stake; 0.51 '(15 6mm); top: 0.57 (17.1mm); Stake; 0.51 '(15 6mm); top: 0.57 (17.1mm); Stake; 0.52 Stat, 105 '(15 6mm); top: 0.57 (17.1mm); Stake; 0.52 Stat, 105 '(15 6mm); top: 0.57 (17.1mm); Stake; 0.50 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (17.1mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 (15 6mm); top: 0.57 (15 6mm); Stat, 105 Stat, 105 Stat, 105 (15 6mm); Stat, 105 Stat, 105 Stat, 105 (15 6mm); Stat, 105 Stat, 105 Stat, 105 Stat, 105 (15 6mm); Stat, 105 Stat, 105			
Contrast ratio 1000-1 (typical) Contrast ratio 5000-1 (typical) Stand et al. Charles and typical and typical and typical and typical and typical for the stand Stand Stand Stands Stan			
Color gainut 72%	Contrast ratio		
Addit - Bigning       Addit - Signer Controllat, 160' vertical         Stand       Stand       Stand         Basel width       Sciels, 100' vertical         Basel width       Sciels, 100' vertical         Dimensions (HxWxD)       12' (Soff) regions         13' watts typical, 17' watts maximum, -c.5, watts standby/suspend, universal, integrated (no external brick-like power supply)       13' Addits probability         VESA-compliant       VESA-compliant       VESA-compliant         On screan display with digital user controls (8 language)       Direct access (butons on fort) for automatic mage setup, input switch, and brighness         Multiple input       Direct access (butons on fort) for automatic mage setup, input	Pixel response time		lenous
Viewing angle at 10:1 CP 170° horizontal, 160° vertical Bazal width Solas: 0.81° (15.5 mm); <i>top</i> . 0.67° (17.1 mm); Dimensions (HxWxD) 15 (56.6° h); 275 W × 8.24° TO; 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7-507.7 mm H × 440.9 mm W × 171.3 mm D 397.7 sole of the second			
Stand       Till, swivel, and height adjustable stand         Bezzi width       Soldson: 12.* (30.5 mm)         Demensions (HxWxD)       B07.07: 12.* (30.5 mm)         Demensions (HxWxD)       B07.07: 12.* (30.5 mm)         Power supply       B07.577.7mm H. 4.440 mm W. x 17.1 mm D.         Veight       9.4 Bit : 3.0 kg         United warranty       B1.4 along         Stand and the general brick-like power supply)       9.4 Bit : 3.0 kg         Veight       9.4 Bit : 3.0 kg         United warranty       Experiments         Prower mangement       Experiments         Environmental       WEEX. Cocase B         Preset resolutions       VGA.       640.x80.6 dox480, 720.x400         SVGA:       B00x600       SGA:         View mangement       Expecting Size         Preset resolutions       VGA.       640.x80.6 dox480, 720.x400         SVGA:       B00x600       SGA:         Standard preset: 22       User settings:       22         View mangement       None       On screen display with digital user controls (8 languages)         Direct access (utano and in crease):       Sind along crease:       22         Viewing adjustments       None       On screen display with digital user controls (6 languages)	Viewing angle at 10:1 CR	170° horizontal. 160° vertical	
Bezel width Sides: 0.61* (15.6 mm); top: 0.67* (17.1 mm); bottom: 12* (30.5 mm); top: 0.67* (17.1 mm); bower supply 15.66-19.99* ht x 17.36* W x 67.4* 07 30 wers supply 15.66-19.99* ht x 17.36* W x 67.4* 07 30 wers supply 15.66-19.99* ht x 17.36* W x 67.4* 07 30 wers supply 15.66-19.99* ht x 17.36* W x 67.4* 07 30 wers supply 15.66-19.99* ht x 17.36* W x 67.4* 07 30 wers supply 15.66-19.99* ht x 17.36* W x 67.4* 07 30 wers supply 19.49 b; 4.30kg ENERGY STARP 5.1 ENERGY STARP 5.1 ENE	Stand	Tilt, swivel, and height adjustable stand	
Dimensions (HWAD) 15.65-19.99 H x 17.36' W x 171.3mm D 30.77-767.7mm H x 440.5mm W x 171.3mm D 10 vatits typical, 17 watts maximum. Integrated (no xetwan bink-like power supply) 9.49 lb x 4.30kg Limited varanty' 4.28 Loopplant <sup>2</sup> VESA-compliant <sup>2</sup> VESA-COMP	Bezel width	<i>Sides:</i> 0.61" (15.6mm); <i>top:</i> 0.67" (17.1mm);	
987.7-507.7mm H x 440.9mm W x 171.3mm D to 3 watts stynce, 17 watts maximum, c0.5 watts stynce, 17 watts maximum, c0.5 watts standay/sugend, universal, magnet /no estimation brick-like power supply)         Weight Limited warranty' Weight Seatember 2011       3 year (notudes backlight)         Available data       September 2011         VESA compliant <sup>2</sup> VESA D0C2B/Cl Power manages         Power manages       Kest D0C2B/Cl Power manages         Preset resolutions       VCA: SCA: 1200 XGA: 1200 XGA:	Dimensions (HxWxD)	<i>Dollom:</i> 1.2" (30.5mm) 15.66-19.99" H x 17.36" W x 6.74" D	
<ul> <li>-0.5 watis standby/suspend, universal, integrated (no xetrenal brick-like power supply) 9.49 lb; 4.30kg</li> <li>Weight analy</li> <li>Yesh-compilant<sup>2</sup></li> <li>Vesh-compilant<sup>3</sup></li> <li< td=""><td></td><td></td><td></td></li<></ul>			
Weight Limited warranty <sup>4</sup> 9.4.9 bit - 3.0% 3 year (includes backlight) September 2011         VESA-compliant <sup>6</sup> Preser resolutions       VESA DDC28/CI Streament ENERGY START 5.1 ISO 9241-307         Preser resolutions       WERA, FOC 8:s 8 Environmental         VYGA, 800x600 Streament Environmental       MERAS, EPEAT** Gold rating, ULE Gold         Preset resolutions       VGA, 800x600 Streament Streament Environmental         VYGA, 1280x768, 1366x768, WXGA+: 1280x7024 WXGA+: 1280x708, 1366x768 WXGA+:	Power supply	13 watts typical, 17 watts maximum,	
Weight Available date       9.45 fb; 4.30kg       11.45 km         VESA-compliant Feysonmics       VesA-sompliant ENERGY STAR*5.1 Ergonomics       VesA-compliant ENERGY STAR*5.1 Ergonomics       VesA-compliant KM         Presets and adds       MPR-2, FCC Class B Environmental       VesA-compliant CD biplays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT** Gold rating, ULE Gold         Presets resolutions       VGA:       640x50, 640x480, 720x400 SVGA:       1280x768, 1152x864 SXGA:       1280x768, 1152x864 SXGA:<		<0.5 watts standby/suspend, universal,	
Limited warranty' 3 year (includes backlight) Available data September 2011 VESA DOC28(C) Preset resolutions VGA: 600x680 TCO Displays 5.2, TCO Cartified Edge 1.1, WEEE, Rolds, EPRAT'' 60d rating, ULE Gold Preset resolutions VGA: 600x680 XGA: 1024x768, 1152x804 SXGA: 11280x768, 1366x768 WXGA: 1280x768, 1366x768 WXGA: 1280x768, 1366x768 WXGA: 1280x768, 1366x768 WXGA: 1280x768, 1366x768 WXGA: 1280x768, 1366x768 WXGA: 1024x768, 1152x804 SXGA: 1024x768, 1152x804 SXGA: 1024x768, 1152x804 SXGA: 1024x768, 1366x768 WXGA: 100x 000 On screen display On screen display On screen display Montor connectors 10 VGA 15-pin D-atlomatic image setup, input switch, and brightness Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Montor connectors 10 VGA 15-pin D-atla, analog, 0A On screen display Montor connectors 10 VGA 15-pin D-atla, analog, 0A 10 Ogata Vsual inteface (DV-D, 041a, What HDCP-compliant 3 Ogata Vsual inteface (DV-D, 041a, What BCP-compliant 3 Ogata vsual inteface (	Weight		
Available date       September 2011         VESA-compilation       VESA-compilation         VESA-compilation       ENERGY STAP 5.1         Ergonomics       SO 2941-307         Terroromental       MPR-2, FCC Class B         Environmental       WEEE, RoHS, EPEAT** Gold rating, ULE Gold         Preset resolutions       VGA:       640,450, 640,480, 720,400         SVGA:       1280,4768, 1152,864         XGA:       1280,4768, 1152,864         VEXA:       1280,4768, 1152,864         VIGA:       1280,4768, 1362,4768         Viewing adjustments       Title 20* back, -3° forward; lift: 4.3* (110mm); swivel: +I-/180°; detachable stand         None       None         On screen display with digital user controls (8 languages)         On screen display with digital user controls (8 languages)         Digital Visual Interface (DVI-D), digital, white, HDCP-compliant         Signal cables       (1) detachable, VCI-D cable is not included; use optional DisplayPort Monitor Cable (0A36537)         Wall of desk mounting using the Extend Arm or third-party accessories meeting the VESA FDMEM* (100mm mount)         Security keyhole to atlachmered to optional cable (0A36637)         Wall of desk mounting using the Extend Arm or third-party accessories meeting the VESA FDMEM* (100mm mount)         Security Keyhole tot atlachmered to optional cable (0A36637)	Limited warranty <sup>4</sup>		
Power management ENERGY STAR*5.1 Ergonomics IS 09241-307 Ernission standards Environmental TC Display SS_1, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT" Gold rating, ULE Gold Preset resolutions XGA: B40X480, 720x400 SYGA: 800X600 XGA: 1202X768, 1152x864 SXGA: 1280X1024 WXGA: 1280X1024 W	Available date		
Ergonomics ISO 9241-307 Envision standards IPP-2, FCC Class B TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPPERT** Gold rating, ULE Gold Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 1024x768, 1152x664 SXGA: 1280x768, 1366x768 WXGA: 1040x768, 13668x768 WXGA: 1400x768, 13668x768 WXGA: 1400x768, 13668x768 WXGA: 1400x768, 13668x768 WXGA: 1400x768, 13668x768 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 1400x768, 146842537 WXGA: 146842537 WXGA: 1400x768, 146842537 WXGA: 14682537 WXGA: 1468254852 WXGA: 1468	VESA-compliant <sup>2</sup>	VESA DDC2B/CI	
Emission standards       MPR-2, FCC Class B         Environmental       TCO Displays 22, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT <sup>IV</sup> Gold rating, ULE Gold         Preset resolutions       VGA: 640x350, 640x480, 720x400 SVGA: 1024x768, 1152x864 SVGA: 1284x768, 1152x864 SVGA: 1284x768, 1162x864 SVGA: 1284x768, 1162x864 On screen display       ThinkVision LT1952p Wide Monitor         Presets / user settings       Tilt: 20° back, -3° forward; <i>lift</i> : 4.3° (110mm); <i>swivel</i> : +/-180°; detachable stand None       ThinkVision LT1952p Wide Monitor         On screen display       Tilt: 20° back, -3° forward; <i>lift</i> : 4.3° (110mm); <i>swivel</i> : +/-180°; detachable stand None       ThinkVision LT1952p Wide Monitor         On screen display       On screen display with digital user controls (8 languages) On screen display CDV digital, black, HDCP-compliant       Signal cables         Signal cables       Tilt: 20° back, -3° forward, black, HDCP-compliant       Signal cables, 1.8 meter         Signal cables       Signal cable, Signal cable, 1.8 meter       Signal cable, 1.8 meter back power cord         Stip group       Montor, attached stand, Setup poster, Safety and Warranty Information, CD with mutillingual User's Guide and monitor installat	Power management		Testina and the second s
Environmental TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPEATT' Gold rating, ULE Gold Preset resolutions VGA: 640x480, 720x400 SVGA: 1220x768, 1152x864 WXGA: 1220x768, 1366x768 WXGA: 1220x768, 1366x768 WXGA: 1220x768, 1366x768 WXGA: 1220x768, 1366x768 WXGA: 1220x768, 1366x768 WXGA: 1220x768, 1366x768 WXGA: 1220x768, 1366x768 None On screen display with digital user controls (8 languages) Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness Direct access (buttons on front) for automatic image setup, input switch, and brightness (1) detachable, VDI-D at each and, butter, HOCP-compliant Signal cables (1) detachable, VDI-D at each and, gitting He Xtend Arm or third-party accessories meeting the VESA FMMPMI <sup>(100mm mount)</sup> Security keyhole for attachment of optional cable lock (Kensington <sup>(100mm</sup> Monthor C			
WEEE, RoHS, EPEAT <sup>IV</sup> Gold rating, ULE Gold           Preset resolutions         VGA: 640x350, 640x480, 720x400 SVGA: 1024x768, 1152x864 SXGA: 1226x768, 1366x768 WXGA: 1226x768, 1366x768 Work at user settings: 22         ThinkVision LT1952p Wide Monitor           Presets / user settings         Til: 20° back, -3° forward; <i>lit:</i> 4.3° (110mm); <i>swivel:</i> +/-180°; detachable stand None         ThinkVision LT1952p Wide Monitor           On screen display         Thi: 20° back, -3° forward; <i>lit:</i> 4.3° (110mm); <i>swivel:</i> +/-180°; detachable stand None         None           On screen display         On screen display, with digital user controls (8 languages) On screen display Exercise the different PCS attach to three different connectors; one PC shows image; select via button)           Monitor connectors         Thie 20° back, -3° forward; <i>lit:</i> 1.3 meter           Signal cables         (1) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter           Note: DisplayPort cable is not included; use optional cable lock (Kensington* lock-compatible)           Signar cables         (1) detachable, VGA 15-pin D-shell at each end, digital, 2.8 meter           Note: DisplayPort cable is not included; use optional cable lock (Kensington* lock-compatible)         (10 detachable, VGA 15-pin D-shell at ach ment third-party accessories meeting the VESA FPMPMI* (100mm mount)           Ship group         Monitor, attached stand, Settup po			and the second se
SVGA:       800x600         XGA:       1024x768, 1152x864         SKGA:       1280x1024         WXGA:       1280x104         Watana       16120x104         Watana       1620x104         Watana       1620x104			
SVGA:       600x600         XGA:       1024x768, 1152x864         SXGA:       1280x1024         WXGA:       1280x104         Williple Liptt       0         Williple Liptt       0         Williple Liptt       1000x1000	Preset resolutions	VGA: 640x350, 640x480, 720x400	
SXGA:       1280x708, 1366x768         WXGA:       1240x708, 1366x768         WXGA:       118:120x708, 1366x768         Multiple input       On screen display with digital user controls (8 languages)         Orscreen display       On screen display with digital, user controls (8 languages)         Orscreen display       Think Usion LT1952p Wide Monitor         Multiple input       Thine CDP-compliant         (1) detachable, DVI-D ot achel, analog, blue       Thord monitor		SVGA: 800x600	
WXGA:     1280x768     1366x768       WXGA:     1280x768     1366x768       WXGA:     1440x900     ThinkVision LT1952p Wide Monitor       Presets / user settings     ThinkVision LT1952p Wide Monitor       Viewing adjustments Rotating screen     Thit.20° back, -3° forward; lift: 4.3° (110mm); swivel: +/-180°; detachable stand       None     On screen display with digital user controls (8 languages)       Control features     Direct access (buttons on front) for automatic image setup, input switch, and brightness       Multiple input     Triple input (hree different PCs attach to three different PCs attach and bright. 1.8 meter       Signal cables     (1) detachable, DVI-D at each end, digital, 1.8 meter       (2) detachable, DVI-D at each end, digital, 1.8 meter     DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)       Mounting features     Wall or clesk mounting using the Extend Arm or thind-party accessories meeting the VESA FPMPMI* (100mm mount)       Security keyhole for attachment of optional cable lock (Kensington* lock-compatible)       Ship group     Monitor, attached stand, Seup opster, Safety and Warranty Information. CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord       * a year, on site exchange, Mon-Fri 9-5 with next day response (110321)     See details at www.lenovo.com/support/monitoraccessori			
Presets / user settings       WXGA+: 1440x900       ThinkVision LT1952p Wide Monitor         Presets / user settings:       2:       user settings:       2:         Viewing adjustments Rotating screen       7////2 to back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand None       7////2 to back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand None         On screen display Control features Multiple input       Thit 20° back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand None       ThinkVision LT1952p Wide Monitor         Signal cables       Thit 20° back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand None       ThinkVision LT1952p Wide Monitor         Signal cables       Thit 20° back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand Direct access (buttons on front) for automatic image setup, input switch, and brightness Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)         Monitor connectors       10 VGA 15-pin D-shell at each end, gital, 1.8 meter         Vall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         Imited Warranty       Accessories         * Bapid Replacement Service at 1-800-426-7378       Security Cable Lock       73F24582			
User settings: 22         Viewing adjustments Rotating screen On screen display       Tilt: 20° back, -3° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-180°; detachable stand None         On screen display On screen display       Tilt: 20° back, -3° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-180°; detachable stand None         On screen display On screen display       Tilt: 20° back, -3° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-180°; detachable stand None         On screen display Multiple input       Tilt: 20° back, -3° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-180°; detachable stand None         Multiple input       On screen display with digital user controls (8 languages)         Multiple input       Tilt: 20° back, -3° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-180°; detachable, stand None         Signal cables       (1) VGA 15-pin D-shell at each end, datalog, 1.8 meter (2) detachable, VGA 15-pin D-shell at each end, datalog, 1.8 meter (2) detachable, VDI-D at each end, digital, 1.8 meter (2) detachable, VDI-D at each end, digital, 1.8 meter (2) detachable, VGA 15-pin D-shell at each end, datalog, 1.8 meter (2) detachable, VDI-D at each end, digital, 1.8 meter (2) detachable, VDI-D at each end, digital, 1.8 meter (2) detachable, VGA 15-pin D-shell at each end, datalog, 1.8 meter (2) detachable, VDI-D at each end, digital, endore, blue (3) bignayPort digital warranty information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter DVI-D cable, 1.8 meter DVI-D cable, 0.6 (458537) Think/Nels/Port		WXGA+: 1440x900	ThinkVision LT1952p Wide Monitor
Viewing adjustments <i>Tilt:</i> 20° back, -3° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-180°; detachable stand         Rotating screen       None         On screen display       On screen display, on screen display with digital user controls (8 languages)         Control features       Direct access (buttons on front) for automatic image setup, input switch, and brightness         Multiple input       Tiple input (three different Cos attach to three different connectors; one PC shows image; select via button)         Monitor connectors       (1) GGA 15-pin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant       (3) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b> (3) Digital Visual interface (DVI-D), digital, white, <b>HDCP-compliant</b> (1) detachable, VCA 15-pin D-shell at each end, analog, 1.8 meter         Noting features       Wall or desk mounting using the Extend Arm on third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         Imited warranty <sup>4</sup> Imited warranty       Setter analog signal cable, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         IminkCentre Extend Arm on thick-sarrer sevices <td>Presets / user settings</td> <td></td> <td></td>	Presets / user settings		
Rotating screen of isplay Control features Multiple input Monitor cance display with digital user controls (8 languages) Direct access (buttons on front) for automatic image setup, input switch, and brightness Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant (3) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b> (2) detachable, VCA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, VCA 15-pin D-shell at each end, digital, 1.8 meter Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security Keyhole for attachment of optional cable lock (Kensington® lock-compatible) Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord 45K1263 FReplacement normally arrives in two business days, excluding holidays Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> Service upgrade options: <sup>7</sup> a year, on site exchange, Mon-Fri 9-5 with next day response (41C9212) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9213) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9213) • 4 year, on site exchange, Kon-Fri 9-5 with next day response (41C9213) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9213) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9213) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9213) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9216) • 4 year, mail exchange (51J0590) • 2 24X7' day toll-fre	<u></u>	5	
On screen display       On screen display with digital user controls (8 languages)         Control features       Direct access (buttos on front) for automatic image setup, input switch, and brightness         Multiple input       Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)         Multiple input       (1) VGA 15-pin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant       (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant         (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant       (3) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         (2) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter       (2) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         Note: DisplayPort, digital, black, HDCP-compliant       (3) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security keyhole for attachment of optional cable lock (Kensington" lock compatible)       DisplayPort doiling and the parameter of th			/-180°; detachable stand
Control features Direct access (buttons on Tront) for automatic image setup, input switch, and brightness Multiple input Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant (3) Digital Visual Interface (DVI-D), digital, white, <b>HDCP-compliant</b> (3) Digital Visual Interface (DVI-D) at each end, analog, 1.8 meter Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security Weyhole for attachment of optional cable lock (Kensington® lock-compatible) Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord Limited Warranty 3 year limited warranty <sup>4</sup> 5 International Warrives in two business days, excluding holidays Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> 5 Service upgrade options: <sup>7</sup> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212) • 4 year, mail exchange (51J0589) • 2 4x7 <sup>6</sup> day toll-free support for warranty issues during the warranty period <sup>4</sup> 5 year, mail exchange (51J0589) • 2 4x7 <sup>6</sup> day toll-free support for warranty issues during the warranty period <sup>4</sup>			aes)
Monitor connectors       (1) VGA 15-pin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant         (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant         (2) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         (2) detachable, DVI-D at each end, digital, 1.8 meter         (2) detachable, DVI-D at each end, digital, 1.8 meter         Nounting features         Security         Security seyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group         Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         Limited Warranty         A sy gar limited warranty f         A sy gar limited warranty         Feplacement normally arrives in two business days, excluding holidays         E Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> Service upgrade options: <sup>7</sup> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (A1C9212)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)         • 4 year, mail exchange (51J0589)         • 5 y	Control features	Direct access (buttons on front) for automatic image s	etup, input switch, and brightness
<ul> <li>(2) DisplayPort, digital, black, HDCP-compliant</li> <li>(3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant</li> <li>(3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant</li> <li>(4) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</li> <li>(2) detachable, DVI-D at each end, digital, 1.8 meter</li> <li>(2) detachable, DVI-D at each end, digital, 1.8 meter</li> <li>(2) detachable, DVI-D at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(3) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter</li> <li>(4) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</li> <li>(4) gear, on site exchange, Mon-Fri 9-5 with next day response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>(4) year, on site exchange, 7 day x 24 hr with 4</li></ul>		Triple input (three different PCs attach to three differe	nt connectors; one PC shows image; select via button)
Signal cables       (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant         Signal cables       (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)         Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         International Warranty       Limited Warranty         Accessories       DisplayPort to DisplayPort Monitor Cable 0A36537         ThinkNision Soundbar       45K1263         Replacement normally arrives in two business days, excluding holidays       DisplayPort to DisplayPort Monitor Cable Lock 45K1620         Service upgrade options: <sup>7</sup> 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)       See details at www.lenovo.com/support/monitoraccessories         s 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9218)       See details at www.lenovo.com/thinkvision         s year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)       See all monitors at www.lenovo.com/thinkvision         s year, on site exchange, 7 day x 24 hr with 4 ho	Monitor connectors	(1) VGA 15-pin D-snell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant	
Signal cables(1) defachable, VGA 15-pin D-shell af each end, analog, 1.8 meter (2) detachable, VGA 15-pin D-shell af each end, analog, 1.8 meter (2) detachable, VGA 15-pin D-shell af each end, analog, 1.8 meter Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)Ship groupMonitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cordLimited WarrantyMonitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cordLimited warrantyMonitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cordLimited warrantyLimited WarrantyAccessoriesReplacement normally arrives in two business days, excluding holidays © Lenovo pays all shipping costs for valid warranty claims° T syear, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)See details at www.lenovo.com/support/monitoraccessoriesA year, on site exchange, four, files, 1,0589) • 3 year, on site exchange, four 9 + 5 with next day response (41C9216) • 4 year, mail exchange (51J0589)See all monitors at www.lenovo.com/thinkvisionSee all monitors at www.lenovo.com/thinkvisi		(3) Digital Visual Interface (DVI-D), digital, white, HDCI	P-compliant
Note:DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)Mounting featuresWall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI* (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)Ship groupMonitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cordLimited WarrantyAccessoriesServiceLimited Warranty Service <sup>5</sup> Rapid Replacement Service at 1-800-426-7378Replacement normally arrives in two business days, excluding holidaysLenovo pays all shipping costs for valid warranty claims <sup>6</sup> Service upgrade options: <sup>7</sup> 3 year, on site exchange, Mon-Fri 9-5 with next day response (H1C9212) • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216) • 4 year, on site exchange, 61J0589) • 5 year, mail exchange (51J0589) • 5 year, mail exchange (51J0589) • 5 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590)24x7 <sup>s</sup> day toll-free support for warranty issues during the warranty period <sup>4</sup>	Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo	og, 1.8 meter
Mounting features Security       Wall or desk mounting using the Extend Arm or third-parity accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         Limited Warranty       Accessories         Accessories       Option of the extend Arm of third-parity accessories in two business days, excluding holidays         Replacement normally arrives in two business days, excluding holidays       DisplayPort to DisplayPort Monitor Cable Lock 73P2582       Option Accessories         Service upgrade options: <sup>7</sup> 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)       A year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)       See details at www.lenovo.com/support/monitoraccessories         See all monitors at www.lenovo.com/thinkvision       See all monitors at www.lenovo.com/thinkvision			Nealey Port to Display Port Manitar Cable (0426527)
Security       Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord         Limited Warranty       Accessories         DisplayPort to DisplayPort Monitor Cable       0A36537         Rapid Replacement Service at 1-800-426-7378       DisplayPort to DisplayPort Monitor Cable       0A36537         Replacement normally arrives in two business days, excluding holidays       Chenovo pays all shipping costs for valid warranty claims <sup>6</sup> DisplayPort to DisplayPort Monitor Cable Lock       0A36537         Service upgrade options: <sup>7</sup> Service upgrade options: <sup>7</sup> 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)       See details at www.lenovo.com/support/monitoraccessories         4 year, on site exchange, four privation (51J0589)       Sever (51J0589)       See all monitors at www.lenovo.com/thinkvision       See all monitors at www.lenovo.com/thinkvision	Mounting features	Wall or desk mounting using the Extend Arm or third-	party accessories meeting the VESA FPMPMI® (100mm mount)
Limited Warranty       Accessories         Jumited warranty <sup>4</sup> Accessories         Jumited warranty <sup>4</sup> DisplayPort to DisplayPort Monitor Cable       0A36537         Rapid Replacement Service at 1-800-426-7378       DisplayPort to DisplayPort Monitor Cable       0A36537         Replacement normally arrives in two business days, excluding holidays       Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> ThinkVision Soundbar       45K1263         Service upgrade options: <sup>7</sup> Service upgrade options: <sup>7</sup> Strub and the exchange, Mon-Fri 9-5 with next day response (41C9212)       ThinkPlus™ part number 41C9209)       See details at www.lenovo.com/support/monitoraccessories         4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)       See all monitors at www.lenovo.com/thinkvision       See all monitors at www.lenovo.com/thinkvision         5 year, mail exchange (51J0590)       24x7 <sup>6</sup> day toll-free support for warranty issues during the warranty period <sup>4</sup> See       See			
<ul> <li>3 year limited warranty</li> <li>International Warranty Service<sup>5</sup></li> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>	Ship group		
<ul> <li>3 year limited warranty</li> <li>International Warranty Service<sup>5</sup></li> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>			· · ·
<ul> <li>International Warranty Service<sup>5</sup></li> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, on site exchange (51J0589)</li> <li>5 year, mail exchange (51J0589)</li> <li>24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>		•	
<ul> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> <li>Kensington MicroSaver Cable Lock 73P2582</li> <li>Kensington Twin Head Cable Lock 45K1620</li> <li>Lenovo Security Cable Lock 57Y4303</li> <li>ThinkCentre Extend Arm 57Y4352</li> <li>Lenovo Easy Reach Monitor Stand 55Y9258</li> <li>See details at www.lenovo.com/support/monitoraccessories</li> </ul>			
<ul> <li>→ Rapid replacement Service at 1-800-422-7378</li> <li>→ Replacement normally arrives in two business days, excluding holidays</li> <li>→ Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>→ Service upgrade options:<sup>7</sup></li> <li>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>• 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>• 4 year, anail exchange (51J0589)</li> <li>• 5 year, mail exchange (51J0590)</li> <li>→ 24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>			Kensington MicroSaver Cable Lock 73P2582
<ul> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>			Kensington Twin Head Cable Lock 45K1620
<ul> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>6</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>			
<ul> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, anail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>			
<ul> <li>(ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>			
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<ul> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> <li>24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>	(ThinkPlus™ part nur	,	Coo dotailo at ununu langua gan la unu autimo anti-
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<ul> <li>5 year, mail exchange (51J0590)</li> <li>⇒ 24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup></li> </ul>	(ThinkPlus™ part nur • 3 year, on site exch • 4 year, on site exch	ange, 7 day x 24 hr with 4 hour response (41C9212) ange, Mon-Fri 9-5 with next day response (41C9233)	See details at www.lenovo.com/support/monitoraccessorie
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See footnotes for important warranty information © Lenow	<ul> <li>(ThinkPlus™ part nur</li> <li>3 year, on site exchange</li> <li>4 year, on site exchange</li> <li>4 year, on site exchange</li> <li>4 year, mail exchange</li> <li>5 year, mail exchange</li> </ul>	ange, 7 day x 24 hr with 4 hour response (41C9212) ange, Mon-Fri 9-5 with next day response (41C9233) ange, 7 day x 24 hr with 4 hour response (41C9216) ge (51J0589) ge (51J0590)	

See footnotes for important warranty information US model announced September 13, 2011

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#### Lenovo® ThinkVision® L2250p Wide

Name	L2250p Wide Flat Panel Monitor	Features					
Case color	Business black	Widescreen 22-inch monitor					
Type-model	2572-HB6	Supports WSXGA+ 1680x1050 resolution					
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight	Ergonomic stand tilts and provides a 3.1" (80mm)					
Viewable image size	22.0" (559mm) diagonal	range height adjustment for comfortable viewing					
Max view area (W x H)	18.7" x 11.7" (473.8mm x 296.1mm)	<ul> <li>Includes dual input connection for attachment to two</li> </ul>					
Optimum resolution	1680x1050 at 60Hz	<ul> <li>systems concurrently (analog and digital)</li> <li>Reduces mercury content by 50% and arsenic free glass</li> <li>Up to 65% recycled packaging materials</li> </ul>					
Maximum resolution	1680x1050 at 75Hz (205MHz max pixel rate)						
Aspect ratio	16:10						
Pixel pitch (mm)	.282mm	Privacy Filter Slot					
Dot/Pixel per Inch	90 dpi	Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified					
Brightness	250 nits or cd/m <sup>2</sup> (typical)						
Contrast ratio Pixel response time	1000:1 (typical)						
Color gamut	5ms (typical) 72%						
Anti-reflective	Anti-reflective, anti-glare	lenovo					
Vertical frequency	50 to 75Hz						
Horizontal frequency	30 to 83kHz						
	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical						
Stand	Tilt and height adjustable stand						
Bezel width	Sides: 0.60" (15.3mm): top: 0.79" (20.0mm):						
	<i>bottom:</i> 1.10" (28.0mm)						
Dimensions (HxWxD)	15.68-18.83" H x 19.92" W x 6.11" D;						
	398.3-478.3mm H x 506mm W x 155.2mm D						
Power supply	21 watts typical, 28 watts maximum,						
	<1 watts standby/suspend, universal,						
	integrated (no external brick-like power supply)						
Weight	11.49 lb; 5.21kg						
Limited warranty <sup>4</sup>	3 year (includes backlight)						
Available date	October 2009						
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant						
Power management	ENERGY STAR® 5.0						
Ergonomics	ISO 9241-307						
Emission standards	MPR-2. MPR-3A, FCC Class B	1000a					
Environmental	TCO (TCO Displays 5.0), WEEE, RoHS,						
	EPEAT™ Gold rating						
Preset resolutions	VGA: 640x350, 640x480, 720x400						
	SVGA: 800x600						
	XGA: 1024x768,1152x864						
	SXGA: 1280x1024						
	WXGA+: 1440x900						
	UXGA: 1600x1000						
	WSXGA+: 1680x1050	This Wision 10050s Wilds Manitan					
Presets / user settings	Standard presets: 24; user settings: 20	ThinkVision L2250p Wide Monitor					
Viewing adjustments	Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachabl	e stand					
Rotating screen	None						
On screen display	On screen display with digital user controls (8 language						
Control features	Direct access (buttons on front) for automatic image s	etup					
USB hub	None						
Camera Multiple input	None Dual input (two different PCs attach to two different or	annostoro: ana PC abawa imaga: calast via huttan)					
Multiple input Monitor connectors	Dual input (two different PCs attach to two different co (1) VGA 15-pin D-shell, analog, blue	ninectors, one FC shows image; select via button)					
	(2) Digital Visual Interface (DVI-D), digital, white, <b>HDCF</b>	P-compliant					
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo	a. 1.8 meter					
<b>J</b>	(2) detachable, DVI-D at each end, digital, 1.8 meter	-					
Mounting features	Wall or desk mounting using the Extend Arm or third-	party accessories meeting the VESA FPMPMI® (100mm mount)					
Security	Security keyhole for attachment of optional cable lock						
Ship group		rranty Information, CD with multilingual User's Guide and monitor					
r a - P	installation files, 1.8 meter analog signal cable, 1.8 me	eter digital signal cable, 1.8 meter black power cord					
	Limited Warranty	Accessories					
3 year limited warrant	ty <sup>4</sup>						
International Warrant		ThinkVision Soundbar 45K1263					
	Service at 1-800-426-7378	Kensington MicroSaver® Cable Lock 73P2582					
	ly arrives in two business days, excluding holidays	Kensington Twin Head Cable Lock 45K1620					
	ping costs for valid warranty claims <sup>6</sup>	Lenovo Easy Reach Monitor Stand 55Y9258					
✓ Lenovo pays an snip ✓ Service upgrade opti							
	ange, Mon-Fri 9-5 with next day response	See details at www.lenovo.com/support/monitoraccessories					
• 3 year, on site exchange (ThinkPlus™ part nur		out details at www.ienovo.com/support/monitoraccessories					
	ange, 7 day x 24 hr with 4 hour response (41C9212)	See all monitors at www.lenovo.com/thinkvision					
	ange, Mon-Fri 9-5 with next day response (41C9233)						
	ange, 7 day x 24 hr with 4 hour response (41C9216)						
<ul> <li>4 year, mail exchange</li> </ul>	ao (61 (0590)	1					

4 year, mail exchange (51J0590)
5 year, mail exchange (51J0590)
24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup>

See footnotes for important warranty information US model announced October 20, 2009

#### Lenovo® ThinkVision® LT2252p Wide

Personal Systems Reference (PSREF)

Name	LT2252p Wide Flat Panel Monitor	Features					
Case color Type-model	Business black 2572-MB6	Widescreen 22-inch monitor					
Panel	TFT-LCD, twisted nematic (TN), White LED backlight	<ul> <li>Supports 1680x1050 resolution</li> <li>Ergonomic stand tilts, swivels, pivots and provides a 4.3"</li> </ul>					
Viewable image size	<b>22</b> " ( <b>559mm</b> ) diagonal	(110mm) range height adjustment for comfortable viewing					
Max view area (W x H) Optimum resolution	18.7" x 11.7" (473.8mm x 296.1mm) 1680x1050	Cable Management for better user experience					
Max pixel rate	205MHz	Mercury and arsenic free glass     Populad contact in plastic material					
Aspect ratio	16:10	Recycled content in plastic material     Privacy Filter Slot					
Pixel pitch (mm)	0.282mm	Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified					
Dot/Pixel per Inch Brightness	90 dpi 250 nits or cd/m <sup>2</sup> (typical)						
Contrast ratio	250 nits or cd/m² (typical) 1000:1 (typical)						
Pixel response time	5ms (typical)						
Color gamut	72%						
Anti-reflective Viewing angle at 10.1 CB	Anti-reflective, anti-glare 170° horizontal, 160° vertical	lenovo					
Stand	Tilt, swivel, pivot, and height adjustable stand						
Bezel width	<i>Sides:</i> 0.60" (15.3mm); <i>top:</i> 0.79" (20.0mm);						
Dimonsions (HxWxD)	<i>bottom:</i> 1.10" (28.0mm) 14.46-18.79" H x 19.92" W x 9.50" D;						
Dimensions (HxWxD)	367.3-477.3mm H x 506mm W x 241.2mm D						
Power supply	20 watts typical, 26 watts maximum,						
	<0.5 watts standby/suspend, universal,						
Weight	integrated (no external brick-like power supply) 12.97lb; 5.89kg						
Limited warranty <sup>4</sup>	<b>3 year</b> (includes backlight)						
Available date	September 2011						
VESA-compliant <sup>2</sup>	VESA DDC2B/CI						
Power management	ENERGY STAR®3 5.1						
Ergonomics Emission standards	ISO 9241-307 MBB 2, ECC Close B						
Environmental	MPR-2, FCC Class B TCO Displays 5.2, TCO Certified Edge 1.1,						
	WEEE, RoHS, <b>EPEAT™ Gold rating</b> , ULE Gold						
Preset resolutions	VGA: 640x350, 640x480, 720x400						
	SVGA: 800x600						
	XGA: 1024x768, 1152x864						
	SXGA: 1280x1024 WXGA: 1280x768, 1280x800, 1366x768						
	WXGA+: 1440x900						
	1600x900						
Presets / user settings	WSXGA+: 1680x1050 Standard presets: VGA/DisplayPort: 26; DVI-D: 25;	ThinkVision LT2252p Wide Monitor					
Fiesels / user sellings	user settings: 25						
Viewing adjustments	<i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-	45°: detachable stand					
Rotating screen	Screen pivots 90 degrees from landscape to portra	ait (requires image rotation support from graphics controller)					
On screen display	On screen display with digital user controls (8 language	jes)					
Control features USB hub	Direct access (buttons on front) for automatic image s	etup, input switch, and brightness					
Camera	None						
Multiple input	Triple input (three different PCs attach to three different	nt connectors; one PC shows image; select via button)					
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue						
	<ul> <li>(2) DisplayPort, digital, black, HDCP-compliant</li> <li>(3) Digital Visual Interface (DVI-D) for digital attach [w]</li> </ul>	hite] HDCP-compliant					
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo						
<b>.</b>	(2) detachable, DVI-D at each end, digital, 1.8 meter						
Mounting features	Note: DisplayPort cable is not included; use optional D						
Mounting features Security	Security keyhole for attachment of optional cable lock	party accessories meeting the VESA FPMPMI® (100mm mount) (Kensington® lock-compatible)					
Ship group		afety and Warranty Information, CD with multilingual User's Guide					
	and monitor installation files, 1.8 meter analog signal	cable, 1.8 meter DVI-D cable, 1.8 meter black power cord					
	Limited Warranty	Accessories					
	-	DisplayPort to DisplayPort Monitor Cable 0A36537					
✓ 5 year limited warrant ✓ International Warrant	•	DisplayPort to DisplayPort Monitor Cable 0A36537 ThinkVision Soundbar 45K1263					
	Service at 1-800-426-7378	Kensington <sup>®</sup> MicroSaver <sup>®</sup> Cable Lock 73P2582					
Replacement normal	y arrives in two business days, excluding holidays	Kensington Twin Head Cable Lock 45K1620					
	ping costs for valid warranty claims <sup>6</sup>	Lenovo Security Cable Lock 57Y4303					
Service upgrade option		ThinkCentre Extend Arm57Y4352Lenovo Easy Reach Monitor Stand55Y9258					
	ange, Mon-Fri 9-5 with next day response						
(ThinkPlus™ part number 41C9209) • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)							
• •	ange, 7 day x 24 nr with 4 nour response (41C9212) ange, Mon-Fri 9-5 with next day response (41C9233)	See details at www.lenovo.com/support/monitoraccessories					
• ·	ange, 7 day x 24 hr with 4 hour response (41C9233)						
<ul> <li>4 year, mail exchange</li> </ul>		See all monitors at www.lenovo.com/thinkvision					
• 5 year, mail exchange	ge (51J0590)						
	pport for warranty issues during the warranty period <sup>4</sup>						
		© L enovo					

See footnotes for important warranty information US model announced September 13, 2011

#### Lenovo® ThinkVision® L2251x Wide

Name	L2251x Wide Flat Panel Monitor	Features					
Case color	Business black	Widescreen 22-inch monitor with white LED backlight					
Type-model	2578-HB6	• Ergonomic stand tilts swivels pivots and provides a 4.3"					
Panel Viewable image size	TFT-LCD, twisted nematic (TN), white LED backlight 22.0" (559mm) diagonal						
Max view area (W x H)	18.7" x 11.7" / 473.8mm x 296.1mm	Detachable rear stand cable cover and clip to hide cables					
Optimum resolution	<b>1680x1050</b> at 60Hz	Integrated camera (0.3 megapixel) and microphone					
Maximum resolution	1680x1050 at 75Hz (205MHz max pixel rate)	Integrated ambient light sensor and a proximity sensor,					
Aspect ratio	16:10	save more energy and make viewing more comfortable					
Pixel pitch (mm)	.282mm	• Low halogen, mercury free, and arsenic free glass,					
Dot/Pixel pèr Inch	90 dpi	92% recycled packaging materials • Privacy Filter Slot					
Brightness	250 nits or cd/m <sup>2</sup> (typical)	Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified					
Contrast ratio	1000:1 (typical)						
Pixel response time	5ms (typical)						
Color gamut	68%	18.0					
Anti-reflective	Anti-reflective, anti-glare	lenovo					
Vertical frequency	50 to 75Hz 30 to 83kHz						
Horizontal frequency	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical						
Stand	Tilt, swivel, pivot, and height adjustable stand						
Bezel width	<i>Sides:</i> 0.60" (15.3mm); <i>top:</i> 0.79" (20.0mm);						
Bozor main	<i>bottom:</i> 1.10" (28.0mm)						
Dimensions (HxWxD)	14.97-19.3" H x 19.92" W x 9.50" D;						
· /	380.3-490.3mm H x 506mm W x 241.2mm D						
Power supply	21 watts typical, 28 watts maximum,						
	<1 watts standby/suspend, universal,						
	integrated (no external brick-like power supply)						
Weight	12.39 lb; 5.63kg						
Limited warranty <sup>4</sup>	3 year (includes backlight)						
Available date	November 2009						
VESA-compliant <sup>2</sup>	VESA DDC2B/CI, VESA DPMS-compliant						
Power management	ENERGY STAR®3 5.0						
Ergonomics	ISO 9241-307						
Emission standards	MPR-2. MPR-3A, FCC Class B						
Environmental	TCO (TCO Certified Edge), WEEE, RoHS,	Tinths .					
	EPEAT™ Gold rating						
Preset resolutions	VGA: 640x350, 640x480, 720x400						
	SVGA: 800x600						
	XGA: 1024x768,1152x864						
	SXGA: 1280x1024						
	WXGA+: 1440x900 UXGA: 1600x1000						
	WSXGA+: 1680x1050						
Presets / user settings	Standard presets: 24; user settings: 20	ThinkVision L2251x Wide Monitor					
Viewing adjustments	<i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-	45°: dataababla stand					
Rotating screen		ait (requires image rotation support from graphics controller)					
On screen display	On screen display with digital user controls (8 languag	nes)					
Control features	Direct access (buttons on front) for automatic image s	setup					
USB hub	USB 2.0 Hub (1 port into PC, 3 ports for accessories)						
Camera	Integrated camera (0.3 megapixel) and microphone						
Multiple input	Dual input (two different PCs attach to two different co	nnectors; one PC shows image; select via button)					
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue						
	(2) DisplayPort, digital, black, HDCP-compliant	a d O madam					
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo	g, i.o meter					
Mounting features	(2) detachable, DisplayPort at each end, digital, 1.8 m	eter party accessories meeting the VESA FPMPMI® (100mm mount)					
Security	Security keyhole for attachment of optional cable lock						
Ship group	information attached stand, cable cover, Setup poster, Sa	Ifety and Warranty Information, CD with multilingual User's Guide					
	1.8 meter black power cord	cable, 1.8 meter DisplayPort cable, 1.8 meter USB cable,					
	Limited Warranty	Accessories					
	- tv <sup>4</sup>	ThinkVision Soundhar 45K1000					
✓ S year limited warrant ✓ International Warrant		ThinkVision Soundbar45K1263Kensington® MicroSaver® Cable Lock73P2582					
	Service at 1-800-426-7378	Kensington Twin Head Cable Lock 45K1620					
	v arrives in two business days, excluding holidays	Lenovo Easy Reach Monitor Stand 55Y9258					
	bing costs for valid warranty claims <sup>6</sup>						
	•						
Service upgrade option							
	ange, Mon-Fri 9-5 with next day response	See details at www.lenovo.com/support/monitoraccessories					
(ThinkPlus™ part nur							
	ange, 7 day x 24 hr with 4 hour response (41C9212)						
	ange, Mon-Fri 9-5 with next day response (41C9233)	See all monitors at www.lenovo.com/thinkvision					
	ange, 7 day x 24 hr with 4 hour response (41C9216)						
<ul> <li>4 year, mail exchange</li> </ul>							
<ul> <li>5 year, mail exchange</li> </ul>	<b>ge</b> (51J0590)						
	pport for warranty issues during the warranty period <sup>4</sup>						

 $\Rightarrow$  24x7<sup>8</sup> day toll-free support for warranty issues during the warranty period<sup>4</sup>

See footnotes for important warranty information US model announced October 20, 2009

#### Lenovo® ThinkVision® L2321x Wide

Name Gase color Weined Panel         L221's Wide Fial Panel Monitor Basiness Black Weined images in the 23.0 (1986 mm) dagonal 23.0 (1986 mm) dagonal 25.0 (1986 mm) dagonal 2								
Type-model Type-model Type-field Type-f			Features					
Fairel: TFLCD, Weister meralic (TN), CCFL backlight values in the stand solution provide a 23 00 (Figure 36 and the stand solution provide a 23 00 (Figure 36 and the stand provides a 4.3 23 00 (Figure 36 and the stand provides a 4.3 23 00 (Figure 36 and the stand provides a 4.3 20 (Figure 36 and the stand provides a 4.3 10 (								
<ul> <li>Verwale indige size</li> <li>Verwale indige size&lt;</li></ul>			<ul> <li>Function as two monitors, hardware based solution provies 4 patterns of screen split (2:1, 1:1, 1:2, PIP modes).</li> <li>Ergonomic stand tilts, swivels, pivots and provides a 4.3"</li> </ul>					
Optimum resolution         1920x1080           Quintum resolution         1100m1 Yange lengt adjustment for constraints awaing           Agend ratio         16.5           Privation as two mentions (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Privation as two mentions (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Privation as two mentions (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Privation as two mentions (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Privation (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Privation (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Privation (need both VSA and provines 4 patterns of screen split (21, 11, 12, PIP)         4.5           Stand split and thread of the screen split (21, 11, 12, PIP)         4.5           Privation (need both VSA and province and province 4 patterns of screen split (21, 11, 12, PIP)         4.5           Bota (MA)         4.5         4.5           Prover supply         4.5         4.5           Verified (PA)         4.5         4.5           Prever supply         4.5         4.5           Verint and screan displit (21, 11, 12, PIP)         4.5 <td></td> <td></td>								
Dial screen function Function as two monitors (need both VQA and DisplayPert connector), having based solution Field part into DisplayPert for galax - Microsoft* Windows? 7 certified - Vestion DisplayPert for galax - Microsoft* Windows? 7 certified - Vestion DisplayPert - Vestion DisplayPert - Vestion DisplayPert - Vestion DisplayPert - Vestion - V								
Aspect ratio     A								
Aspect ratio       16.9         Preal plot (mm)       200 mm         Description (mm)       200 mm         Distribution (mm)			Arsenic free glass					
Duf/Field piper lind: Brightness Contrast ratio Contrast ra	Aspect ratio		Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified					
Brighnesis       250 mits or cdm* (typical)         Contrast ratio       1000-11 (typical)         Contrast ratio       1000-11 (typical)         Contrast ratio       250 mits or cdm* (typical)         Contrast ratio       250 mits or cdm* (typical)         Contrast ratio       250 mits or cdm* (typical)         Ant-reliective, and relight       250 mits or cdm* (typical)         Ant-relictive, and relight       250 mits or cdm* (typical)         Stand       Stand       Stand         Beerk with       Stand Standby Stappen (typical)       273 mits standby stappen (typical)         373 35-483 mm M X 241.1mm D       733 34-843 mm M X 241.1mm D         Power supply       24 watts typical. 26 watts maximum, -1 watts standby stappen (typical)       3 yeer (includes backlight)         VeSA-compliant       VESA-compliant       EPEA/W 51A**5.0         Power supply       24 watts typical. 26 watts maximum, -1 watts dandby stappen (typical)       ThickVision L2321x Wide Monitor         VeSA-compliant       VESA-compliant       EPEA/W 51A**5.0         Presert resolutions       NTSC, FAL, 640x480, 600x480, 600x680, -1280x1082, 1280x1080, 1280x1080								
Contrast ratio Preal response in the presence of the presence								
Color gainut Art-reflective, anti-glare Solo 7542. Solo	Contrast ratio	1000:1 (typical)						
Anti-reflective Vertical frequency Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong angle at the strong of Str 2 30 to StAtz Strong at the strong of Str 2 30 to Strong at the strong of Str 3 30 to Strong at the strong of Strong at the strong strong at the strong strong at the strong of Strong at the stro								
Horizontal frequency Weing angle at 101 GR 170 (+ 657) horizontal, 160° (+/-80°) vertical Stand Brain difference of the stand Brain difference of the stand Dimensions (+kWxD) Dimensions (+kWxD) 14,72-19,05° H x 21,49° W x 9,49° D; 373,9-483 pmm K x 524 pmm K x 549° D; 373,9-483 pmm K x 549° D; 47,5 D; 6.68% EVEATOR VESA Compliant <sup>®</sup> EVEACORTIBLE (Posterial for external bracklight) Available data 240,425,4200° D; 150,252,430° VESA Compliant <sup>®</sup> EVEACORTIBLE (Posterial for external bracklight) Available data 140,2500,1800,1800,1300,12800,1800 122,11° 12300,1800,1300,12800,1800 122,11° 12300,1800,1800,1300,12800,1800 122,11° 12300,1800,1300,12800,1800 122,11° 12300,1800,1300,12800,1800 123,1200,1800,1800,1300,12800,1800 123,1200,1800,1800,1800,1800,1800,1800,1800	Anti-reflective	Anti-reflective, anti-glare	lenovo					
Viewing angle at 101 CF 170° (-4, 85°) horizontal, 160° (-4/- 80°) vertical Bazel width Sides: 0.89° (17.5 mm); <i>lop:</i> 0.72° (18.2mm); Dimensions (HxWxD) 14, 72° -100° H + 21 Might adjustable stand Bazel width Sides: 0.89° (17.5 mm); <i>lop:</i> 0.72° (18.2mm); Dimensions (HxWxD) 14, 72° -100° H + 21 Might W s 4.49° (1 24 watts standbysispend, universal, Integrated (in certame brick-like power supply) Linnied warranty <sup>1</sup> 3 year (includes backlight) Available data Prower management Experiment Ergonomics Erroromics Erroromics (HXW2D) 14, 27° (10.2 mm); Preset s/ user settings Preset s/ user settings Preset s/ user settings Presets / user settings Preset								
Stand       Titl, swivel, pivot, and height adjustable stand         Bezel width       Solder, Sold (17, Som, Dr. 27, Starm); Dation: 0.75 (20, Irm); Values, 100 (20, Irm); Values, 20, Irm); Values, 20, Irm, 20, Values, 20								
Dimensions (H4WA) Dimensions (H4WA) 14 (27-130C <sup>+</sup> H 2 (20.1mm) 13 (23-130C <sup>+</sup> H 2 (20.1mm) 13 (23-130C <sup>+</sup> H 2 (20.1mm) 13 (23-130C <sup>+</sup> H 2 (20.1mm) 14 (25-15) 6.369g Lintegrated (no external brick-like power supply) 14 (25-15) 6.369g VESA-compliant <sup>2</sup> Prover management ENERFAC STAR <sup>+-5,0</sup> TOO (TCO Certified Edge), WEEE, RoH5, EPFAT <sup></sup> Gold rating Preset resolution (21:): 1280x1080, 1362x768, 1120x01624, 1280x1080, 1362x768, 1120x01624, 1280x1080, 1362x768, 1121; 1260x1080, 460x1080, (11:): 640x1080, 460x1080, (11:): 840x1080, 460x1080, (11:): 840x108, 470x1080, (11:): 840x108, 47	Stand	Tilt, swivel, pivot, and height adjustable stand						
Dimensions (HWxD) 14.72-19.05° H x 21.49° W x 94° C. 3739-483 mm H x 545 mm W x 241.1mm D Power supply 24 wats typical, 28 wats maximum, ringerated ino external brick-like power supply) Weight 14.75 lb; 6.69kg Limited warranty VESA-compilant Power management ENERGY STAR*5.0 ENSA-compilant Power management ENSA-COLORES DOC28/CU, VESA DPMS-compilant ENSA-COLORES DOC28/CU, VESA DPMS-compilant ENSA-CU, SA DOC28/CU, VESA DPMS-compilant ENSA-CU, SA DOC28/CU, VESA DPMS-compilant (1)::::::::::::::::::::::::::::::::::::	Bezel width	Sides: 0.69" (17.6mm); top: 0.72" (18.2mm); bottom: 0.79" (20.1mm)						
Power supply       24 watts typical, 28 watts maximum,                 Weight       14.75 b; 6.58g         Linited warranty       3 year (includes backlight)         Available data       Jup 2010         VESA-compliant <sup>6</sup> VESA DDC2B/CI, VESA DPMS-compliant         Power management       ENERCY STA <sup>HPS</sup> -0         Ergonomics       TO ICO Certified Edge), WEEE, RoHS,         Ergonomics       EPEAT** Gold rating         Preset resolutions       NTSC, C-PAL, 640:050, 1302:4780, 1152:864, 1250:0124, 1280:1000, 1306:4769, 1152:864, 1250:0124, 1280:1000, 1306:4769, 1152:804, 1250:0130, 122:4780, 1000, 1306:4769, 1152:804, 1250:0130, 122:4780, 1000, 1306:4769, 1152:804, 1250:0130, 122:4780, 1080, (12):         Dual image resolution       (21):       1600:1030 + 1520:0130         (12):       640:1030 + 1520:0130       Freesets / 140:050, 1360:4760, 1152:000, 1380:4760, 1152:000, 1380:4760, 1152:000, 1380:4760, 1152:000, 1380:4760, 1152:000, 1380:4760, 1162:000, 1160; 11	Dimensions (HxWxD)	14.72-19.05" H x 21.49" W x 9.49" D;						
Weight Linited warranty <sup>1</sup> 14.75 bic 6.68% 3 year (includes backlight) July 2010         VESA-compliant <sup>2</sup> Presert accompliant <sup>2</sup> Prower management Environmental Enviro	Power supply	24 watts typical, 28 watts maximum,						
Weight Available date       14.75 lb; 6.69kg Limited waranby <sup>4</sup> 14.75 lb; 6.69kg July 2010         VESA-compliant <sup>2</sup> VESA-compliant <sup>2</sup> VESA-compliant <sup>2</sup> Preser resolutions       NTSC, C Class B TCO (TCO Certified Edge), WEEE, RoHS, EPEAT** Gold rating       Image: Complexity of the complexity of th		<) watts standby/suspend, universal, integrated (no external brick-like power supply)						
Available date       July 2010         VESA-compilant       VESA-compilant         Evest-constructions       ENERGY STAR**5.0         Eryonomics       Energite Start         Eryonomics       Energite Constart         Eryonomics <td></td> <td>14.75 lb; 6.69kg</td> <td></td>		14.75 lb; 6.69kg						
VESA D0C2B/CI, VESA DPMS-compliant Power management ENEROY 51R1**5.0 (SPA1 5171**5.0 (SPA2 1571**5.0 (SPA2 1571								
Power management Exponomics Ergonomics								
Ernission standards MPR-2, FCC Class B Environmental TCC (FCC Certified Edge), WEEE, RoHS, EPEAT" Gold rating Preset resolutions NTSC, PAL, 640x30, 640x400, 800x600, 32x624, 660x1090, 1024x788, 1152x864, 1280x1080, 1280x1080, 1380x1080 1440x900, 1680x1050, 1920x1080 Dual image resolution (2:1): 1280x1080 + 640x1080 (1:1): 960x1080 + 960x1080 (1:1): 960x1080 + 980x1080 (1:1): 960x1080 + 180x1080 (1:1): 900x109 (1:1): 900x109 (								
Environmental TCO (TCO Certified Edge), WEEE, RoHS, EPEAT** Gold rating Preset resolutions NTSC, PAL, 640x350, 640x480, 800x600, 823x624, 960x1080, 1366x768, 1152x864, 1280x1080, 1680x1080, 1360x788, 1152x864, 1280x1080, 1680x1080, 1280x1080 (1:2): 640x1080 + 1280x1080 (1:1): 960x1080 + 960x1080 (1:1): 960x1080 + 960x1080 (PIP): 640x180 + 1280x1080 (PIP): 640x180 + 1280x1080 (PIP): 640x180 + 1280x1080 (PIP): 640x180 + 1280x1080 (PIP): 640x480 in 1920x1080 (PIP): 640x480 in 1920x1080 Presets / user setting Presets								
EPEAT*         Cold rating           Preset resolutions         NTSC, PAL, 640x350, 640x480, 800x600, 852x624, 960x1080, 1024x768, 1152x664, 1280x1024, 1280x1080, 1280x1080           Dual image resolution         (2:1):         1280x1080 + 640x1080 (1:2):         640x1080 + 1280x1080 (1:1):         960x1080 + 960x1080 (1:1):         970x1020 (1:1):								
832x624, 960x1080, 1024x766, 1152x864, 1280x1024, 1280x1030, 1566x768       ThinkVision L2321x Wide Monitor         Dual image resolution       (2:1): 1280x1030, 1280x1030       ThinkVision L2321x Wide Monitor         0:2:1): 1280x1030, 1280x1030, 11:1): 960x1030, (1:1): 960x1030 + 960x1030 (1:1): 980x1030 + 980x1030 + 980x1030 (1:1): 980x1030 + 980x10300 + 980x10300 + 980x10300 + 980x10300 + 980x10300 + 980x10300 +								
1280x1024, 1280x1020, 1366x768       1440x900, 1680x1050, 1320x1080       Dual image resolution       (2:1):     1280x1080 + 640x1080       (1:2):     640x1080 + 1280x1080       (1:2):     640x1080 + 1280x1080       (1:2):     640x1080 + 1280x1080       (2:1):     1280x1080 + 640x1080       (1:2):     640x1080 + 1280x1080       (PIP):     640x480 in 1920x1080       Presets:     700 resets: 26(VGA), 25(DisplayPort); user settings: 20       Viewing adjustments     700 resets: 26(VGA), 25(DisplayPort); user settings: 20       On screen display     0n screen display with digital user controls (8 languages)       On screen display     0n screen display with digital user controls (8 languages)       On screen display     0n screen display with digital user controls (8 languages)       On screen display     0n screen display with digital user controls (8 languages)       USB hub     USB 2.0 Hub (1 port into PC, 4 ports for accessories)       USB hub     USB (1) Diation (1) be shell, analog, blue       View different PC s attach to two different connectors; one PC shows image; select via button)       Monitor, catched stand, Sectey poster, Safety and Warranty laccessories meeting the VESA FPMPMI* (100mm mount)       Security     Security keyhole for attachment of optional cable lock (Kensington* lock-compatible)       Ship group     Monitor, attached stand, Sectey poster, Safety and Warranty Informa	Preset resolutions							
1440x900, 1680x1080, 1920x1080       ThinkVision L2321x Wide Monitor         Dual image resolution       (2:1): 1280x1080 + 460x1080       ThinkVision L2321x Wide Monitor         (2:1): 1280x1080 + 1280x1080       (1:2): 640x480 in 1292x1080       ThinkVision L2321x Wide Monitor         Presets / user settings       Presets: 26(VGA), 25(DisplayPort); user settings: 20       Image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation support from graphics controller, do not support image rotation and graph and image select (Dual image [2:1, 1:1, 1:2, PIP modes], support from contectors; one PC shows image; select via button)         Use but but in port works if the daver and digital later cortation and analog, 1.8 meter       <								
Dual image resolution       (2:1):       1280x1080 + 640x1080         (1:2):       640x1080 + 1280x1080         (1:2):       640x1080 + 960x1080         (1:1):       960x1080 + 960x1080         (PIP):       640x480 in 1920x1080         Presets: 2(VGA). 25(DisplayPort): user settings: 20         Viewing adjustments       7/ii: 30° back, 0° forward; i/i: 4.3° (110mm); swivel: +/-45°; detachable stand         Rotating screen       Screen pivots 90 degrees from landscape to portrail (requires image rotation support from graphics controller, do not support image rotation under dual image modes)         On screen display       On screen display int digital user controls (8 languages)         Control features       Direct access (buttons on fron) for acutomatic image setup and image select (Dual image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort)         USB hub       USB 2.0 Hub (J port into PC, 4 ports for accessories)         Multiple input       Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)         Monitor connectors       (J) GA 15-jin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant       Signal cable, U and most mounting using the EXtend Arm or third-party accessories meeting the VESA FPMPMI* (100mm mount)         Security       Security keyhole for attachment of optional cable lock (Kensington* lock-compatible)         Ship group       Monitor, a			ThinkVision L 2221x Wide Monitor					
(1:1):       960x1080 + 960x1080         Presets / user settings       Presets: 26(VGA), 25(DisplayPort); user settings: 20         Viewing adjustments       Tilt: 30° back, 0° forward: <i>lift</i> . 4.3° (110mm); swine/: +/-45°; detachable stand         Rotating screen       Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, do not support image rotation under dual image modes)         On screen display       On screen display with digital user controls (8 languages)         Control features       Direct access (buttons on front) for automatic image setup and image select (Dual image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort)         USB hub       USB 2.0.1 MU (1 port into PC, 4 ports for accessories)         Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)         Monitor connectors       (1) VGA 15-in D-shell at each end, analog, 1.8 meter         (2) detachable, VGA 15-in D-shell at each end, digital, 1.8 meter         Wall or detach stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor instaliation files, analog signal cable, DisplayPort cable, DisplayPort cable, DisplayPort cable, DisplayPort cable, DisplayPort cable, 1.8 meter USB cable, 1	Dual image resolution	(2:1): 1280x1080 + 640x1080						
(PIP):       640x480 in 1920x1080         Presets / user settings       Presets: 26(VGA), 25(DisplayPort); user settings: 20         Viewing adjustments       7/ht: 30° back, 0° forward; //ft: 4.3° (110mm); swivel: +I-45°; detachable stand         Rotating screen       Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, do not support image rotation under dual image modes)         On screen display       On screen display with digital user controls (8 languages)         Control features       Direct access (010000000000000000000000000000000000								
Presets / user settings       Presets: 26(VGA), 25(DisplayPort); user settings: 20         Viewing adjustments Rotating screen       Thit: 30° back, 0° forward; <i>lift:</i> 4.3° (110mm); <i>swivel:</i> +/-45°; detachable stand         Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, do not support image rotation under dual image modes)       On screen display         On screen display       On screen display with digital user controls (8 languages)         Control features       Direct access (buttons on front) for stor accessories)         Wultiple input       Ub (1 port into PC, 4 ports for accessories)         Multiple input       Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)         (1) VGA 15-pin D-shell, analog, bue       (2) detachable, DisplayPort at each end, analog, 1.8 meter         (2) detachable, DisplayPort at each end, digital, 1.8 meter       (2) detachable, DisplayPort at each end, digital, 1.8 meter         Mounting features       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Security kyhole for attachment of optional cable lock (Kensington® MicroSaver® Cable Lock         * a year limited warranty       Setup opster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord         * a year limited warranty       Securit								
Viewing adjustments       Tilt: 30° back, 0° forward; ilit: 4.3" (110mm); swivel: +l-45°; detachable stand         Rotating screen       Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, do not support image rotation under dual image modes)         On screen display       On screen display with digital user controls (8 languages)         Control features       Direct access (buttons on front) for automatic image setup and image select (Dual image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort)         USB hub       USB 2.0 Hub (1 port into PC, 4 ports for accessories)         Multiple input       USA 15-pin D-shell, analog, blue         Young Cables       (1) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter         (2) detachable, USA JapPort 4 each end, digital, 1.8 meter         (2) detachable, USA JapPort 4 each end, digital, 1.8 meter         (2) detachable, USA JapPort 4 each end, digital, 1.8 meter         (2) detachable, USA JapPort 4 each end, digital, 1.8 meter         (2) detachable, USA JapPort 4 each end, digital, 1.8 meter         (3) gear limited warranty       Kensington <sup>®</sup> lock-compatible)         Security       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Security Service <sup>6</sup> Replacement normally arrives in two business days, excluding holidays         Limited warranty	Presets / user settings							
Rotating screen       Screen pivots 90 degrees from landscape to portrait (requires image rotation support image rotation under dual image modes)         On screen display       On screen display with digital user controls (8 languages)         Control features       Discreen display with digital user controls (8 languages)         USB hub       USB 2.0 Hub (1 port imto PC, 4 ports for accessories)         Multiple input       Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)         Monitor connectors       (1) detachable, VGA 15-pin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant       (1) detachable, VGA 15-pin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant       (1) detachable, VGA 15-pin D-shell, analog, blue         Mounting features       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter black power cord         * 3 year on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus <sup>®</sup> part number 41C9209)       * year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)         * 4 year, on site exchange, (7 day x 24 hr with 4 hour response (41C9212)       <			-45°: detachable stand					
On screen display       On screen display with digital user controls (8 languages)         Control features       Direct access (buttors on front) for automatic image setup and image select (Dual image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort)         USB hub       USB 2.0 Hub (1 port into PC, 4 ports for accessories)         Multiple input       Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)         (1) VGA 15-pin D-shell, analog, blue       (2) DisplayPort, digital, black. HDCP-compliant         Signal cables       (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         (2) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter       (2) detachable, DisplayPort at each end, digital, 1.8 meter         Wali or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)       Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter USB cable, 1.8 meter VSB cable, Lock 73P2582		Screen pivots 90 degrees from landscape to portr	ait (requires image rotation support from graphics controller,					
Control features Direct access (buttons on front) for automatic image setup and image setup and image [2:1, 1:1, 1:2, PIP modes], Swap, Single VGA, and Single DisplayPort) USB hub Wonitor connectors Multiple input Monitor connectors Signal cables (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, <b>HDCP-compliant</b> (1) detachable, VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, <b>HDCP-compliant</b> (1) detachable, DisplayPort, at each end, digital, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter Mounting features Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord Limited Warranty $\stackrel{\sim}{}$ 3 year limited warranty service <sup>5</sup> Replacement normally arrives in two business days, excluding holidays $\stackrel{\sim}{}$ Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> $\stackrel{\sim}{}$ Service upgrade options: <sup>7</sup> $\stackrel{\circ}{}$ 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212) $\stackrel{\circ}{}$ 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9213) $\stackrel{\bullet}{}$ 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9213) $\stackrel{\bullet}{}$ 4 year, mail exchange (51J0589) $\stackrel{\bullet}{}$ 5 year, mail exchange (51J0589)	On screen display	On screen display with digital user controls (8 language	9S) Des)					
USB 12.0 Hub       USB 2.0 Hub (1 port into PC, 4 ports for accessories)         Multiple input       Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)         Monitor connectors       (1) VGA 15-pin D-shell, analog, blue         (2) DisplayPort, digital, black, HDCP-compliant       (2) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         (2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter       (2) detachable, DisplayPort at each end, digital, 1.8 meter         Mounting features       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)       Security sequences         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord         Immediate warranty <sup>4</sup> Immediate warranty <sup>6</sup> a International Warranty Service <sup>5</sup> Rapid Replacement normally arrives in two business days, excluding holidays         Sec service upgrade options: <sup>7</sup> • Syear, on site exchange, Mon-Fri 9-5 with next day response (41C9212)         • Syear, on site exchange, 7 day x 24 hr with 4 hour response (41C9213)       • See all monitors at www.lenovo.com/thinkvision         • Syear, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)       • See		Direct access (buttons on front) for automatic image s						
Multiple input Monitor connectors Monitor connectors Signal cables Monitor connectors Signal cables Mounting features Security S	USB hub	Swap, Single VGA, and Single DisplayPort)						
(2) DisplayPort, digital, black, HDCP-compliant         Signal cables       (2) detachable, VGA 15-pin D-shell at each end, digital, 1.8 meter         Mounting features       (2) detachable, USA 15-pin D-shell at each end, digital, 1.8 meter         Security       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord         Limited Warranty       Limited Warranty         Accessories       Fapid Replacement service at 1-800-426-7378         Replacement normally arrives in two business days, excluding holidays       Linovo pays all shipping costs for valid warranty claims <sup>6</sup> Service upgrade options: <sup>7</sup> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus <sup>TM</sup> part number 41C9209)       • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)       • 4 year, mail exchange (51J0589)         • 5 year, mail exchange (51J0589)       • 5 year, mail exchange (51J0589)		Dual input (two different PCs attach to two different co	onnectors; one PC shows image; select via button)					
Signal cables       (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter         Mounting features       (2) detachable, DisplayPort at each end, digital, 1.8 meter         Security       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor         International Warranty       Imited Warranty         Accessories       ThinkVision Soundbar         Appla Replacement normally arrives in two business days, excluding holidays       ThinkVision Soundbar         Service upgrade options:       • Sevice upgrade options:         • 3 year, on site exchange, Mon-Fri 9-5 with next day response (H1C9212)       • A year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)       • See all monitors at www.lenovo.com/thinkvision         • 4 year, on site exchange (51J0589)       • 5 year, mail exchange (51J0589)	Monitor connectors	(1) VGA 15-pin D-shell, analog, blue						
(2) detachable, DisplayPort at each end, digital, 1.8 meter         Mounting features       (2) detachable, DisplayPort at each end, digital, 1.8 meter         Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)         Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord         Limited Warranty       Accessories         Accessories       ThinkVision Soundbar         Accessories       ThinkVision Soundbar         Replacement normally arrives in two business days, excluding holidays       Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> Service upgrade options: <sup>7</sup> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus <sup>™</sup> part number 41C9209)         • 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)       • 4 year, on site exchange, T day x 24 hr with 4 hour response (41C9233)         • 4 year, on site exchange, f day x 24 hr with 4 hour response (41C9216)       See all monitors at www.lenovo.com/thinkvision         • 4 year, mail exchange (51J0590)       • 5 year, mail exchange (51J0590)	Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analo						
Security       Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)         Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord         Limited Warranty       Accessories         International Warranty Service <sup>5</sup> ThinkVision Soundbar       45K1263         Replacement service at 1-800-426-7378       ThinkVision Soundbar       45K1263         Replacement normally arrives in two business days, excluding holidays       Enovo pays all shipping costs for valid warranty claims <sup>6</sup> ThinkVision Twin Head Cable Lock       73P2582         Service upgrade options: <sup>7</sup> 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)       See details at www.lenovo.com/support/monitoraccessories         • 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9213)       See all monitors at www.lenovo.com/thinkvision         • 4 year, mail exchange (51J0589)       • 5 year, mail exchange (51J0590)       See details at www.lenovo.com/thinkvision		(2) detachable, DisplayPort at each end, digital, 1.8 m	eter					
Ship group       Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord         Limited Warranty       Accessories         3 year limited warranty <sup>4</sup> International Warranty Service <sup>5</sup> Rapid Replacement Service at 1-800-426-7378       ThinkVision Soundbar         Replacement normally arrives in two business days, excluding holidays       Lenovo pays all shipping costs for valid warranty claims <sup>6</sup> Service upgrade options: <sup>7</sup> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)         • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)         • 4 year, mail exchange (51J0589)         • 5 year, mail exchange (51J0590)								
Limited Warranty       Accessories         3 year limited warranty <sup>4</sup> International Warranty Service <sup>5</sup> Rapid Replacement Service at 1-800-426-7378       ThinkVision Soundbar         Replacement normally arrives in two business days, excluding holidays       ThinkVision Soundbar         Service upgrade options: <sup>7</sup> • 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)       See details at www.lenovo.com/support/monitoraccessories         • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)       • 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)         • 4 year, on site exchange, for yail warranty claims <sup>6</sup> See all monitors at www.lenovo.com/support/monitoraccessories         • 4 year, mail exchange (51J0589)       • 5 year, mail exchange (51J0590)	Ship group							
<ul> <li>⇒ 3 year limited warranty<sup>4</sup></li> <li>⇒ International Warranty Service<sup>5</sup></li> <li>⇒ Rapid Replacement Service at 1-800-426-7378</li> <li>⇒ Replacement normally arrives in two business days, excluding holidays</li> <li>⇒ Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>⇒ Service upgrade options:<sup>7</sup></li> <li>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>• 4 year, mail exchange (51J0589)</li> <li>• 5 year, mail exchange (51J0590)</li> </ul>								
<ul> <li>International Warranty Service<sup>5</sup></li> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>• 4 year, mail exchange (51J0589)</li> <li>• 5 year, mail exchange (51J0590)</li> </ul>		Limited Warranty	Accessories					
<ul> <li>International Warranty Service<sup>5</sup></li> <li>Rapid Replacement Service at 1-800-426-7378</li> <li>Replacement normally arrives in two business days, excluding holidays</li> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup></li> <li>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>• 4 year, mail exchange (51J0589)</li> <li>• 5 year, mail exchange (51J0590)</li> </ul>		ty <sup>4</sup>	ThinkVision Soundhar 45K1263					
<ul> <li>➢ Replacement normally arrives in two business days, excluding holidays</li> <li>➢ Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>➢ Service upgrade options:<sup>7</sup></li> <li>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus™ part number 41C9209)</li> <li>• 3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>• 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>• 4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>• 4 year, mail exchange (51J0589)</li> <li>• 5 year, mail exchange (51J0590)</li> </ul>	International Warrant	y Service⁵	Kensington <sup>®</sup> MicroSaver <sup>®</sup> Cable Lock 73P2582					
<ul> <li>Lenovo pays all shipping costs for valid warranty claims<sup>6</sup></li> <li>Service upgrade options:<sup>7</sup> <ul> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>TM</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> </ul> </li> </ul>			Kensington Twin Head Cable Lock 45K1620					
<ul> <li>Service upgrade options:<sup>7</sup></li> <li>3 year, on site exchange, Mon-Fri 9-5 with next day response (ThinkPlus<sup>™</sup> part number 41C9209)</li> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> </ul>								
<ul> <li>Ste exchange, Mon-Fri 9-5 with next day response (41C9212)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> </ul>	Service upgrade opti	ons:7						
<ul> <li>3 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9212)</li> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> </ul>			See details at www.ienovo.com/support/monitoraccessories					
<ul> <li>4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</li> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> </ul>		,						
<ul> <li>4 year, on site exchange, 7 day x 24 hr with 4 hour response (41C9216)</li> <li>4 year, mail exchange (51J0589)</li> <li>5 year, mail exchange (51J0590)</li> </ul>			See all monitors at www.lenovo.com/thinkvision					
• 5 year, mail exchange (51J0590)	- ·							
2 TAT any ton mee support for warranty issues during the warranty period								
	24AT day ton-free Su	provide a main and issues during the warranty period.						

See footnotes for important warranty information US model announced June 10, 2010

#### Lenovo® ThinkVision® LT2452p Wide

Name Case color	LT2452p Wide Flat Panel Monitor Business black	Features					
Type-model	4420-MB2	<ul> <li>Widescreen 24-inch monitor</li> <li>Supports 1920x1200 resolution</li> </ul>					
Panel	TFT-LCD, e-IPS, White LED backlight	High Definition (HD) ready; supports 1080p video					
Viewable image size Max view area (W x H)	<b>24" (610mm</b> ) diagonal 20.4" x 12.8" (518.4mm x 324.0mm)	<ul> <li>Ergonomic stand tilts, swivels, pivots and provides a 4.3"</li> </ul>					
Optimum resolution	1920x1200	(110mm) range height adjustment for comfortable viewing					
Max pixel rate	202.5MHz	Cable Management for better user experience     Carrying handle					
Aspect ratio	16:10 0.070mm	Recycled content in plastic material     Microsoft® Windows® 7 certified					
Pixel pitch (mm) Dot/Pixel per Inch	0.270mm 94 dpi	Microsoft <sup>®</sup> Windows <sup>®</sup> 7 certified					
Brightness	300 nits or cd/m <sup>2</sup> (typical)						
Contrast ratio	1000:1 (typical)						
Pixel response time Color gamut	7ms (GtG) 72%						
Anti-reflective	Anti-reflective, anti-glare						
Viewing angle at 10:1 CR	178° horizontal, 178° vertical	lenovo					
Stand	Tilt, swivel, pivot, and height adjustable stand						
Bezel width	<i>Sides:</i> 0.78 <sup>ii</sup> (19.9mm); <i>top:</i> 0.78 <sup>ii</sup> (19.9mm); <i>bottom:</i> 1.12 <sup>ii</sup> (28.4mm)						
Dimensions (HxWxD)	15.54-19.87" H x 22" W x 10.13" D;						
	394.8-504.8mm H x 559.6mm W x 257.3mm D						
Power supply	30 watts typical (w/o USB hub),						
	40 watts maximum (w/o USB hub), <0.5 watts standby/suspend (w/o USB hub), universal						
	integrated (no external brick-like power supply)						
Weight	14.70 lb; 6.67kg						
Limited warranty <sup>4</sup> Available date	<b>3 year</b> (includes backlight) September 2011						
VESA-compliant <sup>2</sup> Power management	VESA DDC2B/CI ENERGY STAR®35.1						
Ergonomics	ISO 9241-307	and the second s					
Emission standards	MPR-2, FCC Class B	THE REAL PROPERTY AND A DESCRIPTION OF A					
Environmental	TCO Displays 5.2, TCO Certified Edge 1.1, WEEE,						
Durant and all all and	RoHS, EPEAT™ Gold rating, ULE Gold						
Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600						
	XGA: 1024x768,1152x864						
	SXGA: 1280x1024						
	WXGA: 1280x768, 1280x800, 1366x768						
	WXGA+: 1440x900 UXGA: 1600x1200						
	WSXGA+: 1680x1050						
	Full HD: 1920x1080	ThinkVision LT2452p Wide Monitor					
Presets / user settings	WUXGA: 1920x1200	·······					
Fiesels / user sellings	Standard presets: 30; user settings: 20						
Viewing adjustments	<i>Tilt:</i> 30° back, 0° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-	45°: detachable stand					
Rotating screen	Screen pivots 90 degrees from landscape to portra	ait (requires image rotation support from graphics controller)					
On screen display	On screen display with digital user controls (8 language	les)					
Control features USB hub	Direct access (buttons on front) for automatic image s USB 2.0 Hub (1 port into PC, 4 ports for accessories)	etup, input switch, and brightness					
Multiple input	Triple input (three different PCs attach to three different	nt connectors; one PC shows image; select via button)					
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue						
	(2) DisplayPort, digital, black, HDCP-compliant						
Signal cables	(3) Digital Visual Interface (DVI-D), digital, white, <b>HDCF</b> (1) detachable, VGA 15-pin D-shell at each end, analo	-compilant a 1.8 meter					
orginal oubloo	(2) detachable, VUA 13-pin D-shen at each end, analo (2) detachable, DVI-D at each end, digital, 1.8 meter	y, no motor					
	Note: DisplayPort cable is not included; use optional D						
Mounting features		party accessories meeting the VESA FPMPMI® (100mm mount)					
Security	Security keyhole for attachment of optional cable lock						
Ship group	Monitor, attached stand, cable cover, Setup poster, Sa and monitor installation files, 1.8 meter analog signal	fety and Warranty Information, CD with multilingual User's Guide					
	1.8 meter black power cord	abie, 1.0 meter DVI-D cable, 1.0 meter USD Cable,					
	•	A					
	Limited Warranty	Accessories					
3 year limited warran		DisplayPort to DisplayPort Monitor Cable 0A36537 ThinkVision Soundbar 45K1263					
		Kensington MicroSaver Cable Lock 73P2582					
	Service at 1-800-426-7378	Kensington Twin Head Cable Lock 45K1620					
	ly arrives in two business days, excluding holidays ping costs for valid warranty claims <sup>6</sup>	Lenovo Security Cable Lock 57Y4303					
✓ Lenovo pays an snip ✓ Service upgrade opti		ThinkCentre Extend Arm57Y4352Lenovo Easy Reach Monitor Stand55Y9258					
	ange, Mon-Fri 9-5 with next day response	Echovo Laby ricacin monitor Stand 3319230					
(ThinkPlus™ part number 41C9209)							
<ul> <li>3 year, on site exch</li> </ul>	ange, 7 day x 24 hr with 4 hour response (41C9212)	See details at www.lenovo.com/support/monitoraccessories					
	ange, Mon-Fri 9-5 with next day response (41C9233)						
<ul> <li>4 year, on site exchange</li> </ul>	ange, 7 day x 24 hr with 4 hour response (41C9216)	See all monitors at www.lenovo.com/thinkvision					
<ul> <li>4 year, mail exchange</li> </ul>							
<ul> <li>4 year, mail exchange</li> <li>5 year, mail exchange</li> </ul>							









Kensington® MicroSaver® Cable Lock from Lenovo (73P2582) Kensington Twin Head Cable Lock from Lenovo (45K1620) Lenovo Security Cable Lock (57Y4303)





ThinkVision Soundbar (45K1263)



Lenovo Easy Reach Monitor Stand (55Y9258)



ThinkCentre Extend Arm (57Y4352)





#### Lenovo<sup>®</sup> Monitor Accessories

Lenovo U Lenovo Di DisplayPo Lenovo M ** Suppo Lenovo Di	SB-t ispla ort to lini-D orts ispla	o-DVI Monit yPort to VG, Single-link isplayPort to <i>maximum</i> yPort to Dis	or Adapter * A Monitor C DVI-D Cable o VGA Moni 1920 x 120 playPort Mo nt: All Len	** e ** itor Cable ** 0 monitor resonitor Cable* ovo systems	57Y4393 a 45J7915 a 0A36536 a	nn 05/12/09 nn 08/04/09 nn 08/05/08 nn 05/17/11 nn 09/13/11	ThinkVision So Kensington® M Kensington Tw Lenovo Securi Lenovo Easy F ThinkCentre E	licroSaver® in Head Ca ty Cable Lo Reach Moni	ble Lock ck		45K1263 an 73P2582 an 45K1620 an 57Y4303 an 55Y9258 an 57Y4352 an	n 12/29/03 n 09/30/08 n 08/24/10 n 09/22/09
							<sup>46</sup> Compatib	le on selecte	ed Lenovo a	and Think\	ision monito/	rs.
						Compatibility	/ matrix					
		USB-to-DVI	DisplayPort	t DisplayPort	Mini-Display-	DisplayPort	to ThinkVision	MicroSaver	Twin Head	Security	Easy Reach	Extend
		Adapter	to VGA	to DVI-D	Port to VGA	DisplayPor		Cable	Cable	Cable	Monitor	Arm
		(45K5296)	Cable (57V4393)	Cable (45J7915)	Monitor Cable (0A36536)	(0A36537)		Lock (73P2582)	Lock (45K1620)	Lock (57V4303)	Stand (55Y9258)	(5774352)
		(431(3230)	(3714333)	(4337313)	(0A30330)	(0A30337)	(451(1205)	(751 2502)	(451(1020)	(3714303)	(3319230)	(3714332)
174.00								7000505	451/4000	<b>F7</b> \/ 4000		
LT142 L171		45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582 73P2582	45K1620 45K1620		55Y9258	57Y4352
D186		4313290	57Y4393	4537915	0A36536		4511203	73P2582 73P2582	45K1620		55Y9258	57Y4352
L197		45K5296	57Y4393	45J7915	0A36536			73P2582	45K1620		55Y9258	57Y4352
L1900		45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620		55Y9258	57Y4352
L195	1p	45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620		55Y9258	57Y4352
LT195		45K5296	57Y4393	45J7915	0A36536	0A36537	45K1263	73P2582	45K1620		55Y9258	57Y4352
L202		45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620		55Y9258	57Y4352
LS22 L2250		45K5296	57Y4393	45J7915	0A36536 0A36536		45K1263	73P2582 73P2582	45K1620 45K1620		<u>55Y9258</u> 55Y9258	57Y4352 57Y4352
× L225		45K5296	57Y4393	4557915	0A36536	0A36537	45K1263	73P2582	45K1620		55Y9258	57Y4352
LT225		45K5296	57Y4393	45J7915	0A36536	0A36537	45K1263	73P2582	45K1620		55Y9258	57Y4352
L225		45K5296	57Y4393		0A36536	0A36537	45K1263	73P2582	45K1620		55Y9258	57Y4352
L232 <sup>-</sup>		45K5296	57Y4393		0A36536	0A36537	45K1263	73P2582	45K1620		55Y9258	57Y4352
LS24					0A36536	0A36537		73P2582	45K1620		55Y9258	57Y4352
<u>≻ L244(</u>		45K5296	57Y4393	45J7915	0A36536		45K1263	73P2582	45K1620		55Y9258	57Y4352
LT245		45K5296	57Y4393	45J7915	0A36536	0A36537	45K1263	73P2582	45K1620		55Y9258	57Y4352
LS19	22		57Y4393		0A36536			73P2582	45K1620	5/14303	55Y9258	57Y4352
≻ L246 <sup>.</sup>	1x		57Y4393		0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
≍ L151		45K5296	57Y4393					73P2582	45K1620		55Y9258	
≻ L151p	р	45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
≻ L171		45K5296	57Y4393					73P2582	45K1620		55Y9258	
<u>× L171</u>		45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
<u>     × L172     174     174     1                </u>		45K5296	57Y4393	45 17015				73P2582	45K1620		55Y9258	
		45K5296 45K5296	57Y4393 57Y4393	45J7915 45J7915				73P2582 73P2582	45K1620 45K1620		55Y9258 55Y9258	
× D185		45K5296	57Y4393	45J7915 45J7915			45K1263	73P2582	45K1620		55Y9258	
× L190		45K5296	57Y4393	45J7915			101(1200	73P2582	45K1620		55Y9258	
× L191		45K5296	57Y4393					73P2582	45K1620		55Y9258	
⊱ L192p		45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
≻ L193		45K5296	57Y4393	45J7915				73P2582			55Y9258	
		45K5296	57Y4393	45J7915				73P2582			55Y9258	
<u> </u>		45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
➢ L200p ➢ L201p		45K5296	57Y4393 57Y4393	45J7915 45J7915				73P2582 73P2582	45K1620 45K1620		55Y9258 55Y9258	
× L201		45K5296 45K5296	57Y4393	45J7915 45J7915				73P2582 73P2582	45K1620	57V4303	55Y9258	57Y4352
∽ L2000 >< L215		45K5296	57Y4393	45J7915			45K1263	73P2582	45K1620	57 1 + 505	55Y9258	5714052
× L215		45K5296	57Y4393				45K1263	73P2582	45K1620		55Y9258	
× L220		45K5296	57Y4393					73P2582	45K1620		55Y9258	
≻ L2230		45K5296	57Y4393				45K1263	73P2582	45K1620	57Y4303	55Y9258	57Y4352
≻ L224(		45K5296	57Y4393	45J7915				73P2582	45K1620		55Y9258	
⊱ L244(	0x	45K5296	57Y4393	45J7915			45K1263	73P2582	45K1620		55Y9258	

Section Monitors withdrawn from marketing.

More information at www.lenovo.com/support/monitoraccessories

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

**Availability:** All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

**Warranty:** For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

- <sup>1</sup> ISO-compliant: Compliance with ISO 9241 Part 3, ISO Part 7, ISO Part 8, and/or ISO 13406 Part 2 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.
- <sup>2</sup> VESA: Requires attachment to suitably configured system with similarly enabled operating system.
- <sup>3</sup> ENERGY STAR: As an ENERGY STAR partner, Lenovo has determined that this product meets the ENERGY STAR 4.0 or 4.1 guidelines for energy efficiency. Requires attachment to suitably configured system.
- <sup>4</sup> Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.
- <sup>5</sup> International Warranty Service is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- <sup>6</sup> Lenovo pays all shipping costs for warranty repairs during limited warranty period.

- 7 ThinkPlus and Lenovo Care Services: These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.
- Telephone support may be subject to additional charges, even during the limited warranty period. In the United States call 1-800-426-7378. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For machines with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.
- <sup>10</sup> TAA: Monitor is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.
- <sup>11</sup> **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.
- <sup>12</sup> Halogen: Less than 900 Parts Per Million. Low halogen is defined in accordance with IPC-401B and draft IPC-J-STD 709 Class 1 requirements.

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